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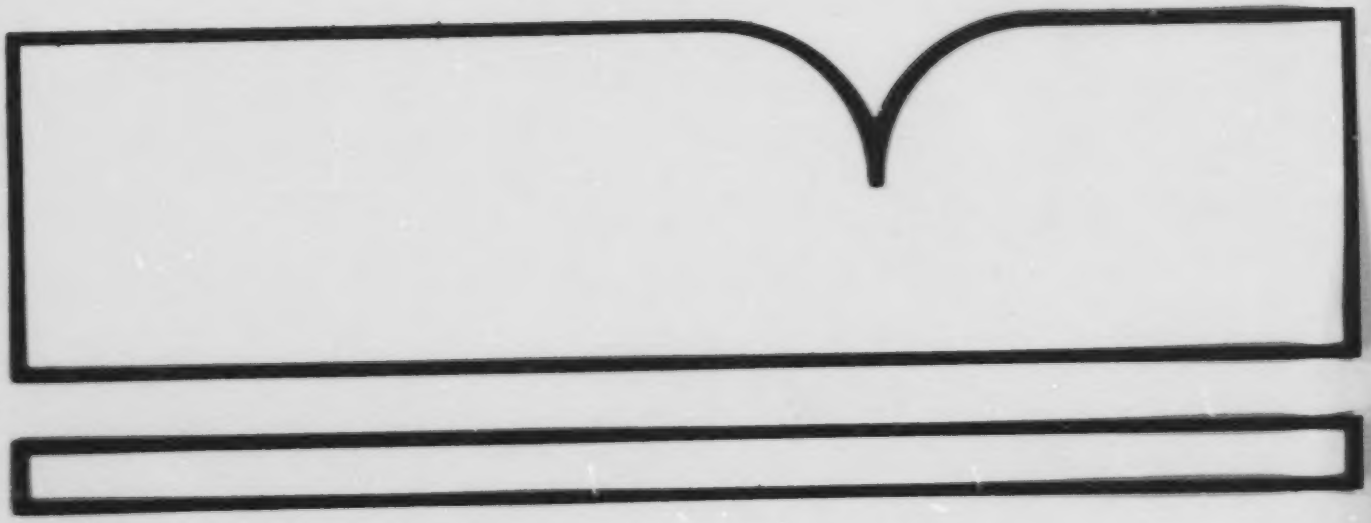
BACT/LAER (Best Available Control Technology/Lowest Achievable Emission Rate) Clearinghouse: A Compilation of Control Technology Determinations. Fourth Supplement to 1985 Edition Summary Tables and Appendices A-H

PEI Associates, Inc., Cincinnati, OH

Prepared for:

Environmental Protection Agency, Research Triangle Park, NC

Jun 89



U.S. Department of Commerce
National Technical Information Service
NTIS

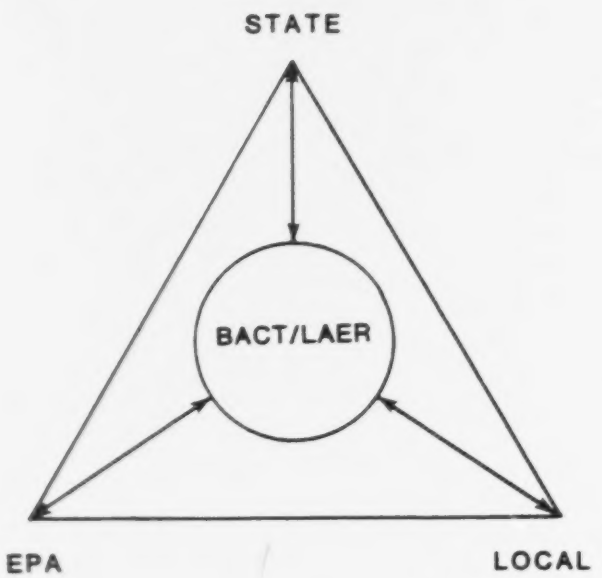
PB89-225411

BACT/LAER CLEARINGHOUSE-

A COMPILATION OF CONTRC TECHNOLOGY DETERMINATIONS

Fourth Supplement to 1985 Edition

Summary Tables and Appendices A-H



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June 1989

BACT/LAER CLEARINGHOUSE

Prepared by

Emission Standards Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF AIR QUALITY PLANNING AND STANDARDS
RESEARCH TRIANGLE PARK, NORTH CAROLINA 27711

June 1989

DISCLAIMER

This report was prepared by PEI Associates, Inc., Cincinnati, Ohio, under Contract No. 68-02-4394, Work Assignment No. 23. It has been reviewed by the Emission Standards Division of the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the U.S. Environmental Protection Agency. Mention of trade names or commercial products is not intended to constitute endorsement or recommendation for use. Copies of this report are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161, telephone (703) 487-4650.

CONTENTS

Figures iv
Tables. iv
Acknowledgment v

Introduction 1

Background 1
Report format 3
Improvements to the system 18

Procedures for Future Submissions to the Clearinghouse 25

Appendices

A. Table 1. Index of control technology determinations A-1
B. Table 2. Control technology determinations by type of source - summary of emission limitations. B-1
C. Table 2A. Control technology determinations for external combustion sources. C-1
D. Detailed listing of source type codes. D-1
E. Abbreviations for process and emission limits. E-1
F. Format for BACT/LAER clearinghouse submittals and instructions for completing BACT/LAER clearinghouse input summary sheet. F-1
G. Detailed source listings for new determinations. G-1
H. Detailed source listings for revised determinations. H-1

FIGURES

Number		Page
1	Control technology determinations received since July 1988. .	4
2	Example of summary table - Appendix A (Table 1) index of control technology determinations	11
3	Example of summary table - Appendix C (Table 2A) control technology determinations for sources with industrial or utility boilers	13
4	Example of Aappendix G - complete source listing	16
5	Computerized listing of BACT/LAER determination data elements	17
6	BACT/LAER determination form	26

TABLES

Number		Page
1	Source Type Categories.	20

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Special thanks are given to Mr. William Becker, Executive Secretary for STAPPA and ALAPCO, Mr. John Paul from the Regional Air Pollution Control Agency in Dayton, Ohio, representing ALAPCO, and other State, local and EPA Regional Office representatives that have provided recommendations, guidance, and overall support for the BACT/LAER Clearinghouse effort over the past several years.

INTRODUCTION

BACKGROUND

The Clean Air Act as amended in 1977 prescribes several technology-based limitations affecting new or modified air pollution sources: 1) new source performance standards (NSPS); 2) best available control technology (BACT); and 3) lowest achievable emission rate (LAER). New Source Performance Standards are uniform national emission standards set by EPA for specific categories of new or modified stationary sources. In addition to meeting NSPS when applicable, major new or modified sources also must install either BACT or LAER, both of which are determined on a case-by-case basis. In all cases, BACT or LAER must be at least as stringent as any applicable NSPS. The BACT requirement, which is a part of the Prevention of Significant Deterioration program (Sections 165 and 169 of the Clean Air Act), applies to emissions in areas that are in attainment with National Ambient Air Quality Standards (NAAQS). The LAER requirement, which is a part of the Nonattainment Program (Sections 171 and 172 of the Clean Air Act), applies to emissions that affect areas that are not in attainment with the NAAQS. While the specific criteria governing a BACT, LAER, or NSPS emission limit vary, the general underlying approach for all such determinations is to require "best control" on all major new or modified sources. More State and local air pollution control agencies have assumed the responsibility for implementing BACT and LAER. As this authority is decentralized from the Federal government, it is important that information be made available to control agencies to assist them in making control technology determinations in a nationally consistent manner.

The basic purposes of the BACT/LAER Clearinghouse are to: 1) provide State and local air pollution control agencies with current information on case-by-case control technology determinations that are made nationwide and 2) promote communication, cooperation, and sharing of control technology information among the permitting agencies. The information presented in this

compilation was abstracted from preconstruction permits and submitted voluntarily by the State and local air pollution control agencies. The Clearinghouse is intended as a reference for State and local agencies in making BACT/LAER decisions.

This report is a supplement to the last Clearinghouse compilation issued in June 1985, and supplements to that document issued in May 1986, June 1987, and July 1988. This edition, like the 1986, 1987, and 1988 editions, contains the detailed information only for the new permits that have been entered into the Clearinghouse since July 1988. Therefore, in order to have a complete listing of all determinations currently contained in the Clearinghouse, the user must retain Volume II of the 1985 edition and all succeeding annual supplements (May 1986, June 1987, and July 1988). At approximately 5-year intervals, a new master edition containing all the information in the Clearinghouse will be published. At that time, all previous editions can be discarded and the cycle of annual supplements similar to the 1986, 1987, and 1988 editions will begin again. It should be noted that it is not necessary to retain a copy of Volume I from the 1985 edition as the 1989 supplement contains the same basic material as Volume I from the 1985 edition with the appropriate information updated to consider the determinations submitted since July 1988. This along with other changes in the annual compilation that are described in the following pages were made because of the increased size of the document, which made it difficult to use in some cases.

Because of the concern over the size of the annual published compilation, a committee of representatives of STAPPA, ALAPCO, CAPCOA, and EPA was formed in December 1984 to review and evaluate methods to reduce the size of the compilation and improve its overall usefulness. Several options were reviewed and a decision was made by the committee to produce annual supplements beginning with 1986 edition. The supplements would contain detailed information only for those permits that were entered into the Clearinghouse since the last published report, but would include a comprehensive index of all permits in the system.

This edition contains 251 new BACT and LAER determinations that add 3 additional source categories to the Clearinghouse. This brings the total number of determinations contained in the Clearinghouse to 1982, which covers

123 different source categories. Determinations have been submitted from 49 States and 2 territories. The control technology information contained herein reflects determinations contained in permits received through May 15, 1989. Figure 1 summarizes the control technology determinations received since the publication of the July 1988 report. This listing contains the source type code, the name of the company, and the identification number. The listing is provided to aid State and local agency personnel and other users in quickly identifying the new information available since the 1988 published edition of the Clearinghouse.

REPORT FORMAT

This BACT/LAER report was prepared to provide basic control technology information as well as to facilitate "quick scans" of source category information. It consists of three major parts presented in Appendices A, C, and G:

- Appendix A (Table 1), which is a summary listing of determinations, basic Agency contact information, and an index reference for additional information.
- Appendix C (Table 2A), which is a summary listing of the emission limits and other information by source type code or source category where an external combustion process (boiler) has been permitted.
- Appendix G, which is a detailed listing of all new individual source information submitted to the Clearinghouse since the 1988 publication.

A brief description of each table follows.

Appendix A (Table 1) - Index of Control Technology Determinations

Table 1 summarizes all the BACT/LAER determinations in the Clearinghouse and lists the contact person most knowledgeable about the decision. Figure 2 is an example of the Table 1 summary. Table 1 also includes the State where each source is located, the date the permit was issued, the agency issuing the permit, name of person to contact within the agency for additional information, a telephone number, and an index (source type code) for locating the more detailed source information contained in Appendix G. A complete listing of all source category codes is contained in Appendix D. The user should familiarize himself/herself with this listing in order to use Table 1 and

NEW CONTROL TECHNOLOGY DETERMINATIONS SINCE JULY, 1988.

SOURCE TYPE	COMPANY NAME	ID NUMBER
1.1	EDENSBURG POWER CO.	PA-0049
1.1	FORT HOWARD CORP.	WI-0041
1.1	GOODYEAR	NY-0021
1.1	GWF POWER SYSTEMS CO., INC.	CA-0282
1.1	MOUNT POSO COGENERATION CO.	CA-0276
1.1	NORTH BRANCH ENERGY PARTNERS LP	PA-0058
1.1	NORTHEASTERN POWER CO.	PA-0044A
1.1	SCRUBGRASS POWER CORP.	PA-0057
1.1	UNITED DEVELOPMENT GROUP - NIAGARA INC.	NY-0030
1.2	WISCONSIN TISSUE MILLS, INC.	WI-0037A
1.3	CHEVRON USA, INC.	CA-0280
1.3	DOW CHEMICAL CO.	MI-0109
1.3	GENERAL ELECTRIC	AL-0036
1.3	VENTURA COASTAL CORP.	CA-0281
1.3	WESTINGHOUSE ELECTRIC CORP.	CA-0292
1.4	CRAVEN COUNTY WOOD-ENERGY PROJECT	NC-0046
1.4	DECKER ENERGY INTERNATIONAL	VT-0004
1.4	MARTELL COGENERATION LIMITED PARTNERSHIP	CA-0272
1.4	SIERRA PACIFIC INDUSTRIES	CA-0268
1.4	SOLEDAD ENERGY LIMITED PARTNERSHIP	CA-0295
1.4	TAYLOR-RAMSEY CORP.	VA-0132
1.4	WESTERN FOREST POWER	CA-0294
1.5	FILER CITY	MI-0050A
1.5	HOPEWELL COGENERATION LIMITED PARTNERSHIP	VA-0141
1.6	CONTINENTAL ENERGY ASSOC.	PA-0051
1.6	WHEELABRATOR DELANO ENERGY CO.	CA-0267
2.1	CHESTER SOLID WASTE ASSOCIATES	PA-0055
2.1	ENERGY RESOURCES OF HENRICO, INC.	VA-0151
2.1	HUNTSVILLE SOLID WASTE AUTHORITY	AL-0029
2.1	KENT COUNTY DEPT. OF PUBLIC WORKS	MI-0090
2.1	LANCASTER COUNTY SOLID WASTE MANAGEMENT AUTH*	PA-0056
2.1	MMR/WALLACE	DE-0007
2.1	OGDEN/MARTIN SYSTEMS OF ALEXANDRIA	VA-0140
2.1	SIGNAL BROOKLYN	NY-0020
2.1	VICON RECOVERY SYSTEMS	VT-0003A
2.3	BFI OF OHIO & MICHIGAN, INC.	OH-0155

Figure 1. Control technology determinations received since July 1988. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
2.3	NEA MESQUITE POWER	CA-0280
3.1	ADA COGENERATION	MI-0082
3.1	AMTRAK	PA-0052
3.1	CHAMPION INTERNATIONAL	AL-0040
3.1	DELMARVA POWER	DE-0006
3.1	INDEC/OSWEGO HILL COGENERATION	NY-0029
3.1	INDECK - YERKS ENERGY SERVICES, INC.	NY-0031
3.1	KAMINE CARTHAGE	NY-0026
3.1	KAMINE SOUTH GLENS FALLS	NY-0022
3.1	L & J ENERGY SYSTEM COGENERATION	NY-0032
3.1	LONG ISLAND LIGHTING CO.	NY-0024
3.1	LONG ISLAND LIGHTING CO.	NY-0025
3.1	MOBIL EXPLORATION & PRODUCING US, INC.	CA-0293
3.1	MOBIL OIL	CA-0297
3.1	MOJAVE COGENERATION CO.	CA-0273
3.1	MOJAVE COGENERATION CO., L.P.	CA-0274
3.1	MONARCH COGENERATION	CA-0289
3.1	MONARCH COGENERATION	CA-0288
3.1	OCEAN STATE POWER	RI-0004
3.1	PACIFIC THERMONETICS, INC.	CA-0298
3.1	TEXACO-YOKUM COGENERATION PROJECT	CA-0296
3.1	TRIGEN	NY-0027
3.1	YERKES	NY-0023
3.2	SOUTHERN NATURAL GAS CO.	AL-0012A
3.2	WESTERN GAS PROCESSORS, LTD.	ND-0009
3.2	XIOX CORP.	PA-0053
3.3	COGENERATION PARTNERS OF AMERICA	OH-0157
3.3	LAJET ENERGY CO.	CA-0286
3.3	MAUI PINEAPPLE CO., LTD.	HI-0005
4.1	ALUMINUM CO. OF AMERICA	IN-0029
4.2	BDF - TESA CORP	MI-0101
4.2	JAMES RIVER	IA-0022
4.2	PHOMAT REPROGRAPHICS	MI-0114
4.3	CHRYSLER MOTORS	MI-0091
4.3	CHRYSLER MOTORS	OH-0156
4.3	FORD MOTOR CO.	MI-0088
4.3	FORD MOTOR CO.	MI-0105
4.3	FORD MOTOR CO.	MI-0112
4.3	FORD MOTOR CO.	MI-0115

Figure 1. Control technology determinations received since July 1988. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
4.3	FORD MOTOR CO.	MI-0116
4.3	FORD MOTOR CO.	MI-0117
4.3	MERCEDES BENZ TRUCK CO.	VA-0133
4.3	VOLVO GM HEAVY TRUCK CO.	VA-0138
4.4	MILL BUSINESS FURNITURE	OH-0167
4.4	SPECTRA-COLOR, INC.	MI-0104
4.4	STEELCASE INC.	MI-0119
4.7	B.O.C. GROUP, GENERAL MOTORS CORP.	MI-0102
4.7	BOEING COMMERCIAL AIRPLANES	WA-0021
4.7	MEEKIN CAN CO.	PA-0059
4.7	MICHIGAN SEAT CO.	MI-0085
4.7	MIDWEST BRAKE BOND	MI-0078
4.7	TAYLOR BUILDING PRODUCTS	MI-0100
4.8	BRUCE HARDWOOD FLOORS	TX-0219
4.9	GENERAL MOTORS CORP.	MI-0045A
4.12	ADVANCED PRINTING TECHNOLOGY	PA-0050
4.12	J.W. FERGUSSON & SONS, INC.	VA-0060A
4.12	QUAD/GRAPHICS, INC.	WI-0042
4.12	R.J. REYNOLDS TOBACCO CO.	NC-0047
4.12	REXHAM CORP.	IN-0028
4.13	BEMIS CO., INC.	IN-0031
4.15	ARROW INDUSTRIES, INC.	TX-0206
4.15	GRANDVILLE PRINTING CO.	MI-0083
4.15	MICHIGAN LITHO	MI-0094
4.15	ORGANIC CHEMICALS, INC.	MI-0110
4.15	THE MORRILL PRESS	NY-0028
4.16	ONE HOUR MARTINIZING	OH-0162
4.16	QUALITY CLEANERS	OH-0161
4.16	RUSSELL'S FORMAL WEAR	OH-0158
4.17	PETERS REVINGTON FURNITURE	IN-0032
4.17	THOMASVILLE FURNITURE INDUSTRIES	NC-0045
4.19	DETROIT PLASTIC MOLDING CO.	MI-0118
4.19	EVART PRODUCTS CO.	MI-0113
4.19	LACKS INDUSTRIES	MI-0079
4.19	MARK I MOLDED PLASTICS	MI-0096

Figure 1. Control technology determinations received since July 1988. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
4.19	PINE RIVER PLASTICS, INC.	MI-0093
4.19	UNITED TECHNOLOGIES AUTOMOTIVE	MI-0108
4.19	VIMCO	MI-0098
4.21	ALBAR INDUSTRIES, INC.	MI-0120
4.21	BELL HELICOPTER TEXTRON INC.	TX-0205
4.21	C & F STAMPING CO, INC.	MI-0086
4.21	CADILLAC MOTOR CAR DIV. - G.M.C.	MI-0099
4.21	DOVER PRODUCTS CO.	TN-0025
4.21	EAGLE OTTAWA LEATHER CO.	MI-0089
4.21	K.B. LIGHTING, INC.	MI-0084
4.21	LIBBY-OWENS-FORD	MI-0103
4.21	MARBELITE CORP.	MI-011.
4.21	SEPA, INC.	PA-005-
4.21	TENNESSEE ELECTROPLATING CO.	TN-0024A
4.21	THOMPSON BOAT CO.	MI-0058D
4.21	VEMCO INDUSTRIES	MI-0097
4.21	WOLVERINE GASKET & MFG CO.	VA-0148
5.1	MIDSUN PARTNERS, L. P.	CA 0275
5.1	SUN EXPLORATION & PRODUCTION CO.	TX-0211
5.2	SOUTHWESTERN REFINING CO., INC.	TX-0213
5.3	MARATHON PETROLEUM CO.	LA-0058
5.5	CITGO PETROLEUM CORP.	LA-0059
5.12	EXXON CO., USA	AL-0026
5.12	EXXON CO., USA	AL-0026A
5.12	EXXON CO., USA	AL-0026B
5.12	EXXON CO., USA	AL-0026C
5.12	EXXON CO., USA	AL-0026D
5.12	EXXON CO., USA	AL-0026E
5.12	EXXON CO., USA	AL-0026F
5.12	EXXON CO., USA	AL-0026G
5.12	EXXON SAN JOAQUIN PRODUCTION CO.	CA-0287
5.12	GETTY OIL CO.	AL-0027
5.12	MARATHON OIL CO.	NM-0017
5.12	MOBILE OIL EXPLORATION	AL-0010A
5.12	MOBILE OIL EXPLORATION	AL-0010B
5.13	MEGA CONSTRUCTORS, INC.	VA-0130
5.14	PRESTON NORTHERN, INC.	MI-0106

Figure 1. Control technology determinations received since July 1988. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
6.1	STERLING CHEMICALS, INC.	TX-0214
6.12	J.M. HUBER CORP.	TX-0207
6.23	OCCIDENTIAL CHEMICAL CORP.	TX-0212
6.25	STERILIZATION DYNAMICS, INC.	MI-0081
6.27	CHEVRON CHEMICALS	LA-0060
6.32	SPURLOCK CO.	VA-0127
6.36	PITTSYLVANIA COUNTY	VA-0157
6.36	STANDARD OIL CHEMICAL CO.	TX-0210
6.43	MERRELL DOW PHARMACEUTICALS	OH-0152
6.43	WYCKOFF CHEMICALS CO., INC.	MI-0107
6.52	ENRON GAS PROCESSING CO.	ND-0007
6.52	KOCH HYDROCARBON CO.	ND-0006
6.59	OCCIDENTAL CHEMICAL CORP.	TX-0215
6.62	CHEM-TREND. INC.	MI-0092
6.62	CHEMICAL RECLAMATION SERVICES, INC.	TX-0208
6.62	CHEVRON CHEMICAL CO.	WA-0020
6.62	CIBA-GEIGY CORP.	AL-0033
6.62	CIBA-GEIGY CORP.	AL-0034
6.62	DOW CORNING	MI-0067F
6.62	ETHLY CORP.	TX-0180B
6.62	EXXON CHEMICAL AMERICAS	TX-0175A
6.62	HERCULES INC.	TX-0209
6.62	HILTON DAVIS CO.	OH-0153
6.62	M & T CHEMICAL	AL-0037
6.62	M & T CHEMICAL	AL-0038
6.62	PERSTORP POLYOLS	OH-0159
6.62	PERSTORP POLYOLS	OH-0160
6.62	TEXACO REFINING & MARKETING, INC.	TX-0064A
6.62	TEXAS EASTMAN CO.	TX-0077A
6.62	UNION CARBIDE CORP.	TX-0216
7.2	HERSHEY CHOCOLATE CO.	VA-0129
7.4	ANHEUSER-BUSCH	GA-0023

Figure 1. Control technology determinations received since July 1988. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
7.4	ANHEUSER-BUSCH CO.	VA-0007A
7.12	AMERICAN CRYSTAL SUGAR CO.	ND-0008
7.12	CENEX AGRI-FUELS	ND-0005
7.12	DELANO GROWERS GRAPE PRODUCTS	CA-0279
7.12	FRITO-LAY, INC.	IN-0030
7.12	GENERAL MILLS, INC.	OH-0165
7.12	SMUD/CAMPBELL SOUP CO.	CA-0291
7.12	SMUD/CAMPBELL SOUP CO.	CA-0290
7.12	TAPCO	PA-0060
8.2	TOLEDO COKE CORP.	OH-0150
8.5	I/N TEK	IN-0027
8.8	U.S. REDUCTION CO.	OH-0164
8.12	SANDERS LEAD CO.	AL-0028
8.22	A.P. PARTS CO.	OH-0163
8.22	LOW BUCK COMPRESSOR & MACHINE, INC.	TX-0218
8.22	STERILE CONCEPTS, INC.	VA-0156
8.22	US D.O.E.	OH-0154
9.1	BLUE RIDGE STONE CORP.	VA-0155
9.1	LEE HY PAVING CORP.	VA-0142
9.1	MAC CONSTRUCTION, INC.	VA-0126
9.1	MEGA CONTRACTORS	VA-0159
9.1	STONECO, INC.	OH-0151
9.2	GEORGIA KAOLIN CO.	GA-0025
9.2	ICI AMERICAS, INC.	VA-0150
9.7	CONSOLIDATION COAL CO.	VA-0146
9.17	ADAMS CONSTRUCTION CO.	VA-0105A
9.17	ASPHALT CONSTRUCTION CO., INC.	CA-0271
9.17	BLAKEMORE CONSTRUCTION CORP.	VA-0128
9.17	CHEMGOLD, INC.	CA-0270
9.17	D.H.L. #2	VA-0144
9.17	DHL, INC.	VA-0139
9.17	H.B. MELLOTT ESTATE, INC.	VA-0136
9.17	HOLSTON RIVER QUARRY	VA-0137
9.17	KERN ROCK CO.	CA-0277
9.17	LOUDOUN QUARRIES	VA-0116A

Figure 1. Control technology determinations received since July 1988. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
9.17	LUCK STONE CORP.	VA-0143
9.17	LUCK STONE CORP.	VA-0149
9.17	LUCK STONE CORP.	VA-0158
9.17	PRINCE PAVING CO., INC.	VA-0125
9.17	STUART M. PERRY	VA-0135
9.17	VIRGINIA TRAP ROCK, INC.	VA-0131
9.21	AMBROSE BRANCH COAL CO., INC.	VA-0152
9.21	BIG RIVER INDUSTRIES	AL-0035
9.21	DOW CHEMICAL U.S.A.	TX-0019C
9.21	EXCEL MINERALS	CA-026*
9.21	KUHLMAN CORP.	OH-01*
10.1	CONTAINER CORP. OF AMERICA	AL-0014A
10.1	HAMMERMILL PAPER	AL-0030
10.1	HAMMERMILL PAPER	AL-0030A
10.1	INTERNATIONAL PAPER CO.	AL-0031
10.1	JAMES RIVER CORP.	WA 0022
10.1	LOUISIANA PACIFIC CORP.	CA-0278
10.1	MEAD COATED BOARD	AL-0039
10.1	WILLAMETTE INDUSTRIES	SC-0015
10.1	WILLAMETTE INDUSTRIES, INC.	KY-0049
10.2	MEAD PAPERBOARD	AL-0032
10.2	SOUTHEAST PAPER CORP.	GA-0024
10.2	STONE CONTAINER CO.	MI-0087
10.2	WISCONSIN TISSUE MILLS	WI-0043
11.0	APPALACHIAN PLASTICS, INC.	VA-0153
11.0	FIBERMASTER, INC.	VA-0134
11.0	JOHNSON CONTROLS, INC.	MI-0095
12.0	CALIFORNIA DEPT. OF CORRECTIONS	CA-0283
12.0	CHESAPEAKE GENERAL HOSPITAL	VA-0147
12.0	K.I. SAWYER AFB	MI-0077
12.0	MICHIGAN STATE UNIVERSITY	MI-0080
12.0	OBICI HOSPITAL	VA-0154
12.0	PURDUE UNIVERSITY	IN-0033
12.0	SAN DIEGO MARRIOTT HOTEL - TOWER I	CA-0285
12.0	U.S. ARMY	VA-0145
12.0	UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVES*	TX-0217
12.0	WURTHSMITH AFB	MI-0076

Figure 1. Control technology determinations received since July 1988.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/09/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 5.4 PETROLEUM REFINING - FEEDSTOCK						
AMOCO OIL CO.	IN	02/27/81	INDIANA APCD	KEN KEARNEY	(317)-633-0647	IN-0010
ARCO PIPELINE CO.	PA	01/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0010
(88)SUN REFINING & MARKETING CO.	OH	04/15/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0125A
(88)SUN REFINING & MARKETING CO.	OH		TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0116C
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0026
SOURCE TYPE -- 5.5 PETROLEUM REFINING - AUXILIARY						
ALLIED MATERIALS CORP.	OK	09/30/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0007
AMERICAN PETROFINA CO. OF TEXAS	TX	01/21/83	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0127
AMOCO	TX	12/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0020
AMOCO TEXAS REFINING CO.	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0067
ARCO ALASKA, INC.	AK	01/11/85	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0010
CALCASIEU REFIN.	LA	07/22/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0019
CAROLINA REFINING & DIST	GA	09/10/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0001
CHAMPLIN PETROLEUM CO.	TX	04/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0063
CHEVRON USA REF.	MS	12/10/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0007
CHEVRON USA, INC.	CA	04/08/82	BAY AREA AQMD	JOHN SWANSON	(415)-771-6000	CA-0045
(87)CHEVRON USA, INC.	CA	02/06/86	SANTA BARBARA COUN*	BILL MASTER	(805)-964-8111	CA-0174
(89)CITGO PETROLEUM CORP.	LA	07/18/88	LOUISIANA DEQ	ADDISON TATUM	(504)-342-0107	LA-0059
CITIES SERVICE CO.	LA	01/18/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0038
CLARK OIL CO., WOOD RIVER REFIN.	IL	09/25/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0003
CLARK OIL, MT. AIRY REFINERY	LA	12/22/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0045
COASTAL STATES PETROLEUM	TX	10/14/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0066
CONOCO, INC.	LA	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0008
CONOCO, INC.	LA	08/10/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0010
CRA,INC.	KS	09/04/80	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	KS-0003
CYPRESS REFINING CO., HILL PETROLEUM CO.	LA	01/03/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0027A
DIAMOND SHAMROCK CORP.	TX	09/04/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0034

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.
NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

Figure 2. Example of summary table - Appendix A (Table 1) index of control technology determinations.

Appendix G effectively. It should be noted that Table 1 includes the year of the supplement where detailed information on the source appears. For example, those entries published in the 1988 supplement will have an "88" to the left of the company name in Table 1. If no year is indicated, detailed information on the source can be found in the 1985 compilation. When Table 1 is printed as part of the complete update or new compilation that contains all entries (about every 5 years) no date will appear because all the information in Appendix G would be contained in that edition. It should also be noted that the I.D. number is now in the last column of Table 1 instead of the source type code and the source type code has been moved to a location that is just before the source type name in the category heading. A footnote has also been added to Table 1 that explains the purpose of the number in the parentheses before the company name, which is the year that the information was inserted into the Clearinghouse and the year that the determination appears in the Appendix G update or supplement to the total compilation of determinations.

Appendix C (Table 2A) - Control Technology Determinations for Sources with Industrial or Utility Boilers

Table 2A summarizes the BACT/LAER determinations for those sources with industrial or utility boilers. Figure 3 is an example of the Table 2A format. Table 2A also includes the name of the company, the State where the source is located, the State permit number (or EPA Regional Office file number), the process capacity or boiler size, whether the source is new (N) or modified (M), a description of the process or processes being permitted, the emission limitations and pollutants applicable to each permitted process, and the basis for the determination--NSPS (N*), SIP (S*), NAAQS (A*), PSD (P*), BACT (B*), LAER (L*). In some cases, more than one emission limitation is applicable to a given process/pollutant. In those cases, a second emission limitation is listed below the first emission limitation for a given pollutant without the pollutant name being repeated in the column preceding the emission limitation (see listing for Peat Methanol Associates in Figure 3). This second emission limitation is referred to in the main BACT/LAER data base as the alternate limit. Because the space available on Table 2A is limited, a number of abbreviations for processes and emission limitations were developed. A complete list of these abbreviations is contained in

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/09/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					NOX .20LB/MMBTU GAS	
					SO2 2.00LB/MMBTU 30D R*	
					2.85LB/MMBTU MAX/D*	
					SO2 1.20LB/MMBTU MAX/D*	
					1.20LB/MMBTU FUEL *	
					SO2 .01LB/MMBTU GAS	
ID NUMBER NC-0036	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS					
COLLINS & AIKMAN CORP.	NC 5825	117.00MMBTU/H	N	BOILER, COAL FIRED	F 6.40EE-3 LB/MMBTU	
					H2* .02LB/MMBTU	
					NOX .60LB/MMBTU	
					PM .05LB/MMBTU	
					SO2 1.50LB/MMBTU	
ID NUMBER AL-0022	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
3M CO.	AL 712-0009-X019	120.00MMBTU/H	N	BOILER, COAL FIRED	CO .20LB/MMBTU	S*
					NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 1.50LB/MMBTU	B*
ID NUMBER AL-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION					
SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	M	BOILER, COAL FIRED	PM 1.60LB/H	B*
					SO2 1.50LB/MMBTU	B*
ID NUMBER NC-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION					
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU	B*
ID NUMBER NC-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION					
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU	B*
					SO2 1.40LB/MMBTU	B*
ID NUMBER IN-0002	SOURCE TYPE - 6.43 PHARMACEUTICAL					
ELI LILLY	IN EPA-5-A-81-7	123.00MMBTU/H	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	
					323.00T/YR	

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX G.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
(1) INDICATES ENTRY NOT IN ORDER OF BOILER SIZE IN MMBTU/H. THIS ENTRY DID NOT CONTAIN BOILER (PROCESS) CAPACITY INFORMATION AND THEREFORE COULD NOT BE LISTED IN ORDER OF SIZE.

Figure 3. Example of summary table - Appendix C (Table 2A) control technology determinations for sources with industrial and utility boilers.

Appendix E. Some comments have been received regarding the use of these abbreviations. Every effort has been made to use a standard set of abbreviations. In some cases, however, this was not possible. The control agencies are encouraged to review the abbreviations in Appendix E and submit any suggested revisions. The abbreviations are periodically reviewed and updated accordingly.

As noted above, Table 2A summarizes the emission limits and other information for all source type codes where an external combustion process (boiler) has been permitted (i.e., process codes 1.1 to 1.6). Table 2A has an I.D. number prior to each entry and is ordered by fuel type and size of the boiler in MM Btu/h (10^6 Btu/h). The boilers are listed in ascending size within each fuel category and all boilers in the system are included regardless of size. Where units of measure were reported in a form other than MM Btu/h, a conversion was performed using the following factors:

250 MM Btu/h heat input is equal to:

29 MW_i, heat input

25 MW_e, output

200,000 lb steam/h output.

Two footnotes are on Table 2A. The first footnote explains how Table 2A is organized. The second footnote indicates which determinations because of the lack of data could not be converted to MM Btu/h for the purpose of ordering Table 2A. These determinations are presented at the end of each process code summary.

Appendix G - Detailed Source Listings

In addition to Tables 1 and 2A, a complete listing of all new source data is provided in Appendix G. Information presented in Appendix G consists of the ID number (an identification number assigned by the Clearinghouse), source type code, source type name, source size and corresponding units on the source size, company name, street address, city, county, State, zip code, EPA Regional Office, whether determination is BACT (B) or LAER (L), whether source is new (N) or modified (M), date permit was issued, permit or identification number, estimated startup date, agency issuing permit, contact

person within agency who is familiar with the control technology information, agency telephone number, process type code (where applicable), process name, throughput capacity and corresponding units, pollutant name, emission limit (for the given pollutant), alternate limit, basis for limit (BACT, LAER, SIP, etc.), control equipment, process modification (modification that would minimize emissions), percent efficiency for the control devices and notes. This listing is intended to provide the maximum manageable amount of technical and administrative information without essentially duplicating a completed permit application.

Appendix H is similar to Appendix G except that it contains a listing of all source data for those determinations that have been revised since July 1988. These revised determinations are provided in Appendix H to ensure that the latest information is available on each determination as a result of information submitted by the agency either as a result of a normal review and evaluation of the information contained in the Clearinghouse or new information is available from the source regarding the determination.

An additional item was added to the detailed source listing as presented in the 1985 compilation. This additional item (review status) is located in the lower right-hand corner above the source type code. This item indicates the dates on which the determination was reviewed by the agency issuing the permit. Determinations are routinely submitted to the agency issuing the permit for review after the determination has been initially entered into the system to ensure that all the data have been entered properly and after the proposed startup date to ensure that the determination is still applicable given any changes or revisions that may have taken place between the time the original permit was issued and source startup and operation. These reviews allow the information in the clearinghouse to remain current and complete based on the latest information available to the agency issuing the permit. Agencies are obviously encouraged to submit any major revisions to the determinations as they occur, but a provision has been made to routinely submit all determinations for review after initial entry and after the proposed startup date has passed. Figure 4 is an example of Appendix G or the complete listing for one source. Figure 5 is a listing of the BACT/LAER data base structure.

APPENDIX -- DETAILED SOURCE LISTING

06/09/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 1029.00 MMBTU/H

COMPANY NAME/SITE LOCATION: HOPEWELL COGENERATION LIMITED PARTNERSH* , VA — PRINCE GEORGE COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 50967
DETERMINATION MADE BY: VIRGINIA DAPC (AGENCY); KATHERINE MILLER (AGENCY CONTACT PERSON); (804)-786-1433 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/01/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
TURBINE, NAT GAS FIRED, 3 EA	1030.00 MMBTU/H	PM10	7.2500 EE-4 LB/MMBTU	
			0.6000 LB/H	
		SO2	7.5000 EE-4 LB/MMBTU	
			0.6200 LB/H	
				SULFUR CONTENT OF FUEL
		VOC	0.7000 LB/H	
			3.1000 T/YR	
		CO	25.2000 LB/H	
			102.0000 T/YR	
				STEAM INJ
		NO2	42.0000 PPMV DRY AT 15% O2	
			686.0000 T/YR	
TURBINE, OIL FIRED, 3 EA	1029.00 MMBTU/H	PM	0.0340 LB/MMBTU	
			28.0000 LB/H	
		SO2	0.2100 LB/MMBTU	
			216.0000 LB/H	
				SULFUR CONTENT OF FUEL
		VOC	6.6000 LB/H	
			266.0000 T/YR	
		CO	25.5000 LB/H	
			103.5000 T/YR	
		NO2	65.0000 PPMV DRY AT 15% O2	
			1133.3000 T/YR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER VA-0141

SOURCE TYPE CODE 1.5

Figure 4. Example of Appendix G - complete source listing.

```
ID NUMBER*
SOURCE TYPE CODE*
SOURCE TYPE NAME*
SOURCE SIZE*
SOURCE SIZE UNITS*
COMPANY NAME*
ADDRESS*
CITY*
COUNTY*
STATE INITIALS*
ZIP CODE*
EPA REGION*
BACT/LAER DETERM*
NEW/MODIFIED*
DATE PERMIT ISSUED*
PERMIT NUMBER*
REGION FILE NUMBER*
ESTIMATED STARTUP DATE*
AGENCY CONTACT PERSON*
AGENCY PHONE NUMBER*
NOTES*

  PROCESS TYPE CODE*
  NAME OF PROCESS*
  THROUGHPUT CAPACITY*
  THROUGHPUT UNITS*

    POLLUTANT NAME*
    EMISSION LIMIT*
    EMISSION UNITS*
    ALTERNATE LIMIT*
    ALTERNATE UNITS*
    BASIS FOR LIMITS*
    CONTROL EQUIPMENT*
    PROCESS MODIFICATION*
    PERCENT EFFICIENCY*

    POLLUTANT NAME*
    EMISSION LIMIT*
    EMISSION UNITS*
    ALTERNATE LIMIT*
    ALTERNATE UNITS*
    BASIS FOR LIMITS*
    CONTROL EQUIPMENT*
    PROCESS MODIFICATION*
    PERCENT EFFICIENCY*
```

Figure 5. Computerized listing of BACT/LAER determination data elements.

IMPROVEMENTS TO THE SYSTEM

PEI Associates, Inc. (PEI) is currently developing system improvements that will make it easier to retrieve and print information from BLIS. The new system will lead the user through the process by using a series of screens to query the user to obtain data on what type of information is needed by the user and how and where the data are to be output. Currently, plans are for the system to allow a user to select from two options: printing all or a portion of the data in BLIS using a standard table format or printing a customized list of determinations. The first option, printing data using a standard table format, allows the user to select the format of either Appendix A, Table 1 - Index of Control Technology Determinations, Appendix C, Table 2A - Control Technology Determinations for Sources with Industrial or Utility Boilers, Appendix G - Detailed Source Listing, or printing all data in a list form without the truncation of some data items found in the Appendix. The data selection may be by State, source type category, or date of entry. The second option, printing a customized list of determinations, involves the user selecting a single state, a single source category, a date of entry, or a combination of the three as selection criteria. The computer then outputs a list of all determinations found within that state/source type category/entry date combination.

Once a choice is made as to what type of data/output is needed, the system generates and submits a batch job to the IBM 3090 computer located at the National Computer Center (NCC) in Research Triangle Park, North Carolina, and routes the output to the user's bin for delivery or to a user-specified output device for printing. The system is scheduled for completion and implementation in October 1989.

Other improvements and revisions to the system will continue to be considered as a result of contacts with various State and local agencies. These improvements and revisions will be evaluated and made based on the recommendations of the State and local agencies that are submitting determinations to the Clearinghouse.

Another system improvement is the expansion of some of the Organic Evaporation Loss source type categories. Category 4.12, Graphic Arts, is being expanded into four categories: Rotogravure, Flexography, Offset (Lithography), and Other. Category 4.14, furniture refinishing is split into

two categories: surface coating of wood furniture and surface coating of wood cabinets. And finally, a new source type category is being added: surface coating of plastic parts. Table 1 lists all of the source type categories including the new and renumbered categories under the Organic Evaporation Loss heading.

In closing, a note of warning in using the 1988 BLIS Users Manual to the IBM 3090: The NCC IBM 3090 computer sign-on procedures have been changed over the last few months and this portion of the Users Manual is out-of-date. This section of the User's Manual is currently being revised and will be distributed as soon as it is ready. The NCC is, however, constantly updating and revising it's sign-on procedures and it is recommended that if a user is having trouble with the sign-on process or has a question dealing with this process that they call the User Support group at the NCC by dialing one of the following telephone numbers:

919-541-7862
1-800-334-2405
FTS 629-7862

All other inquiries concerning BLIS and information contained in the data base should be directed to:

BACT/LAER Clearinghouse (MD-13)
U.S. Environmental Protection Agency
Emission Standards Division
Research Triangle Park, North Carolina 27711
Telephone: (919) 541-5432 or FTS 629-5432

TABLE 1. SOURCE TYPE CATEGORIES

	Source type	Code
1.	External Combustion	1.0
	Coal combustion	1.1
	Oil combustion	1.2
	Natural gas combustion	1.3
	Wood waste combustion	1.4
	Multiple fuels	1.5
	Other	1.6
2.	Solid Waste Disposal	2.0
	Refuse incineration	2.1
	Sewage sludge incineration	2.2
	Other	2.3
3.	Internal Combustion	3.0
	Natural gas turbines	3.1
	Natural gas compressors	3.2
	Other	3.3
4.	Organic Evaporation Loss	4.0
	Surface coating of cans and coils	4.1
	Surface coating of paper and fabrics	4.2
	Surface coating of automobiles and light-duty trucks	4.3
	Surface coating of metal furniture	4.4
	Surface coating of magnet wire	4.5
	Surface coating of large appliances	4.6
	Surface coating of miscellaneous metal parts and products	4.7
	Surface coating of flatwood paneling	4.8
	Solvent degreasing	4.9
	Waste solvent reclamation	4.11
	Graphic arts - rotogravure	4.12
	Graphic arts - flexography	4.13
	Graphic arts - offset (lithography)	4.14
	Graphic arts - other	4.15
	Dry cleaning	4.16
	Surface coating of wood furniture	4.17
	Surface coating of wood cabinets	4.18
	Surface coating of plastic parts	4.19
	Other	4.21

(continued)

TABLE 1 (continued)

Source type	Code
5. Petroleum refining, oil and gas production, and related industries	5.0
Petroleum refining - separation processes (distillation and light ends recovery)	5.1
Petroleum refining - conversion processes (cracking, reforming, alkylation, polymerization, isomerization, and coking)	5.2
Petroleum refining - treating processes (hydrodesulfurization, hydrotreating, chemical sweetening, acid gas removal, and deasphalting)	5.3
Petroleum refining - feedstock (storage, blending, loading, and unloading)	5.4
Petroleum refining - auxiliary (boilers, wastewater treatment, hydrogen production, sulfur recovery, cooling towers, blowdown system, compressor engines, heaters, and incinerators)	5.5
Petroleum refining - entire operation	5.6
Bulk terminals	5.7
Bulk plants	5.8
Storage of petroleum liquids	5.9
Transportation and marketing of petroleum products	5.11
Natural gas/gasoline processing plants	5.12
Asphalt and associated products manufacturing and processing	5.13
Crude petroleum and natural gas production including oil shale	5.14
Oil and gas field services	5.15
Other	5.16
6. Chemical Process Industry	6.0
Acrylonitrile	6.1
Acetic acid	6.2
Acrylic acid	6.3
Acetic anhydride	6.4
Acrolein	6.5
Acetaldehyde	6.6
Adipic acid	6.7
Aniline	6.8
Alkylbenzene	6.9
Butadiene	6.11
Carbon black	6.12
Charcoal	6.13
Chloroalkali	6.14
Chlorobenzene	6.15
Chloromethane	6.16

(continued)

TABLE 1 (continued)

Source type	Code
Chloroprene	6.17
Caprolactam	6.18
Cyclohexanol, cyclohexane	6.19
Cumene	6.21
Dimethyl terephthalate	6.22
Ethylene dichloride	6.23
Ethylene and polyethylene	6.24
Ethylene oxide	6.25
Ethylene glycols	6.26
Ethylbenzene/styrene	6.27
Ethyl acetate	6.28
Epichlorohydrin	6.29
Fluorocarbons	6.31
Formaldehyde	6.32
Glycol ethers	6.33
Hydrochloric acid	6.34
Hydrofluoric acid	6.35
Maleic anhydride	6.36
Methanol	6.37
Methyl ethyl ketone	6.38
Nitric acid	6.39
Nitrobenzene	6.41
Paint and varnish	6.42
Pharmaceutical	6.43
Phosphoric acid	6.44
Phthalic anhydride	6.45
Proylene oxide	6.46
Phenol/acetone	6.47
Soap and detergents	6.48
Sodium carbonate	6.49
Sulfuric acid	6.51
Sulfur recovery	6.52
Synfuels and fuel conversion other than oil shale	6.53
Synthetic fibers	6.54
Synthetic rubber/rubber tires	6.55
Toluene diisocyanate	6.56
Trichloroethane	6.57
Terpthalic acid	6.58
Vinyl chloride and polyvinyl chloride	6.59
Alcohol fuel production	6.61
Other	6.62
7. Food and Agricultural	7.0
Alfalfa dehydrating	7.1
Roasting	7.2

(continued)

TABLE 1 (continued)

Source type	Code
Feed and grain mills and elevators	7.3
Fermentation and alcoholic beverages	7.4
Fish processing	7.5
Fertilizer plants	7.6
Starch manufacturing	7.7
Sugar cane processing	7.8
Fats and vegetable oils	7.9
Fruit and vegetable processing	7.11
Other	7.12
8. Metallurgical	8.0
Primary aluminum production	8.1
Coke production	8.2
Primary copper smelting	8.3
Ferroalloy production	8.4
Iron and steel production	8.5
Primary lead smelting	8.6
Zinc smelting	8.7
Secondary aluminum	8.8
Secondary copper smelting and alloying	8.9
Gray iron foundaries	8.11
Secondary lead smelting	8.12
Secondary magnesium smelting	8.13
Steel foundaries	8.14
Secondary zinc processing	8.15
Storage battery production/reclamation	8.16
Lead oxide and pigment production	8.17
Miscellaneous lead products	8.18
Ore crushing and grinding	8.19
Sintering	8.21
Other	8.22
9. Mineral Products Industry	9.0
Asphalt batching plants	9.1
Bricks, ceramic, and related clay products	9.2
Refractories	9.3
Portland cement manufacturing	9.4
Cement manufacturing - other than portland	9.5
Coal cleaning	9.6
Coal cleaning (thermal dryer)	9.7
Glass fiber manufacturing	9.8
Frit manufacturing	9.9
Glass manufacturing	9.11
Gypsum manufacturing	9.12

(continued)

TABLE 1 (continued)

	Source type	Code
	Lime manufacturing	9.13
	Mineral wool manufacturing	9.14
	Perlite manufacturing	9.15
	Phosphate rock processing	9.16
	Stone quarrying, sand and gravel processing	9.17
	Taconite ore processing	9.18
	Mining operations	9.19
	Other	9.21
10.	Wood Products	10.0
	Kraft pulp mills	10.1
	Wood pulping other than kraft	10.2
	Hardboard	10.3
	Plywood plants	10.4
	Woodworking	10.5
	Other	10.6
11.	General Manufacturing and Fabrication	11.0
12.	Institutional/Commercial	12.0

PROCEDURES FOR FUTURE SUBMISSIONS TO THE CLEARINGHOUSE

The BACT/LAER Clearinghouse is intended as a dynamic program with periodic updates and new listings welcomed. Submissions by State and local control agencies are entirely voluntary. Without these submittals, however, the viability and usefulness of the program are jeopardized. Agencies are encouraged to make formal submittals at any time.

Information can be submitted in either of two formats. First, it can be submitted on the voluntary form shown in Figure 6. The same basic information can also be directly input into a special State or local agency file that can be set up to receive data via a computer hookup. Agencies are encouraged to use either format for submittals to the Clearinghouse.

In order to facilitate the submission of determinations and corrections, a copy of the form shown in Figure 6 and a set of instructions for completing the input form are provided in Appendix F of this report. This form can be reproduced and used to submit new determinations and/or to update existing information. All questions regarding the Clearinghouse should be directed to:

BACT/LAER Clearinghouse (MD-13)
U.S. Environmental Protection Agency
Emission Standards Division
Research Triangle Park, North Carolina 27711
Telephone: (919) 541-5432 or FTS 629-5432

Mail to: BACT/LAER Clearinghouse, MD-13
U.S. EPA
Emission Standards Division
RTP, NC 27711

BACT/LAER DETERMINATION INPUT SUMMARY SHEET

Source Code

Date of This Report

Source Type/Size: _____

Company Name/Site Location: _____

Determination is: (circle appropriate definition)

BACT/LAER For New/Modified Source:

Permit No.: _____

Date of Permit Issuance: _____

Date of Estimated Start-up: _____

Determination Made By: _____ (Agency)

(Person Directly Knowledgeable About Permit) (Phone)

Permit Parameters: (List all processes subject to this permit)	Maximum Design Capacity	Pollutant Regulated	Emission limit(s) units of emissions/ units of input	Reg. reqmts. assoc. w/limit	Control equipment of process modification description	Efficiency %

Notes: _____

*Use the following abbreviations wherever possible: PM=particulate matter, SO_2=sulfur dioxide, NO_x=nitrogen oxides, CO=carbon monoxide, VOC=volatile organic compounds, VE=visible emission, TRS=total reduced sulfur, F=fluoride, Be=beryllium, H_2S=hydrogen sulfide, Hg=mercury, VC=vinyl chloride.

**Please use the following abbreviation: B=BACT, L=LAER, N=NSPS, H=NESHAP, A=NAAQS or PSD constraints, S=SIP, R=RACT, U=Unregulated.

Page __ of __

Figure 6. BACT/LAER determination form.

APPENDIX A

TABLE 1 INDEX OF CONTROL TECHNOLOGY DETERMINATIONS

TABLE 1. INDEX OF CONTROL TECHNOLOGY DETERMINATIONS.

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 1.1 EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL	02/24/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0001
ALABAMA POWER CO.	AL	09/10/84	JEFFERSON COUNTY H*	KEN HALL	(205)-933-9110	AL-0023
AMALGAMAIZE CO.	AL	11/29/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0021
AMERICAN LIGNITE PROD. CO.	CA	12/21/83	AMADOR COUNTY APCD	EARL WITHYCOMBE	(916)-862-1233	CA-0048
AMERICAN LIGNITE PROD. CO.	CA	01/10/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0048A
(88)ARCHBALD POWER CORP.	PA	01/16/87	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0045
ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT*	AZ	02/15/78	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0003
ARKANSAS PWR & LT CO.	AR	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0001
ASSOC. ELECT. COOP., INC.	MO	02/06/78	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	MO-0002
B.F. GOODRICH CO.	IL	09/16/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0021
BASIN ELECTRIC POWER COOP.	ND	01/12/83	NORTH DAKOTA SHD	ROBERT KING	(701)-224-2348	ND-0004
BASIN ELECTRIC POWER COOP.	WY	05/14/76	WYOMING AQD	ECKART HAAS	(307)-777-7391	WY-0013
BIG RIVERS ELECT.-D.B. WILSON STATION	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0009
(87)BMCP	CA	06/20/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0158
BOARD OF PUBLIC UTILITIES	KS	09/29/76	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0012
CAJUN ELECT. POWER COOP.	LA	03/25/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0006
CENTRAL POWER & LIGHT	TX	10/19/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0009
CENTRAL STATE UNIVERSITY	OH	07/01/85	DAYTON RAPCA	TIM WILSON	(513)-225-4435	OH-0069
CINCINATI GAS & ELECTRIC CO. - EAST BEN*	KY	05/14/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0030
CITY OF WILKES-BARRE	PA	07/01/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0020
(88)CITY OF WYANDOTTE, DEPT. OF MUN. SERV	MI	12/07/87	WYANE CO. APC	PHILIP KURIKESU	(313)-567-0710	MI-0051
(86)COGENERATION NATIONAL CORP.	CA	12/31/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0129
(86)COGENERATION NATIONAL CORP.	CA	12/13/85	SAN JOAQUIN COUNTY*	SEYED SADREDIN	(209)-462-8526	CA-0129A
(88)COGENERATION NATIONAL CORP.	CA	02/25/88	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0129B
(87)COGENTRIX CAROLINA LEASING CORP.	NC	05/28/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0037
(87)COGENTRIX CAROLINA LEASING CORP.	NC	07/07/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0039
(88)COGENTRIX MICHIGAN LEASING CORP.	MI	07/31/87	MICHIGAN DNR	DHRUMAN SHAH	(517)-373-7023	MI-0048
COGENTRIX OF NORTH CAROLINA, INC.	NC	04/03/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0032
COGENTRIX OF NORTH CAROLINA, INC.	NC	06/25/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0033
COGENTRIX OF NORTH CAROLINA, INC.	NC	09/10/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0035

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(87)COGENTRIX OF VIRGINIA, INC.	VA	06/12/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0034
COLORADO UTE-CRAIG UNIT #3	CO	03/27/	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0007
CONTAINER CORP. OF AM	PA	01/20/81	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0030
(86)CORN PRODUCTS	CA	12/16/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0128
(86)CORN PRODUCTS	CA	10/29/85	SAN JOAQUIN COUNTY*	SEYED SADREDIN	(209)-462-8526	CA-0128A
(88)CPC INTERNATIONAL	CA	03/02/88	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0128B
CURTISS-WRIGHT CORP.	NJ	06/13/80	EPA REGION II	STEVE RIVA	(212)-264-8684	NJ-0004
DELMARVA POWER & LIGHT	MD	03/30/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0004
DESERET GEN & TRANS, MOON LAKE	UT	02/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0006
E. KENTUCKY POWER CORP.	KY	08/21/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0003
EAST KENTUCKY POWER COOP.	KY	12/02/75	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0018
EASTMAN KODAK CO., KODAK PARK DIV.	NY	12/20/82	NEW YORK DEC	FRANK SHATTUCK	(716)-226-2466	NY-0004
(89)EDENSBURG POWER CO.	PA	06/06/88	PENNSYLVANIA BAQC	BRUCE FRY	(412)-645-7100	PA-0049
FLORIDA POWER CORP.	FL	01/15/80	FLORIDA DER	BOB KING	(904)-488-1344	FL-0013
(88)FORT DRUM HEATING PLANT	NY	04/01/87	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0014
(89)FORT HOWARD CORP.	WI	09/21/88	WISCONSIN DNR	ALLEN HUBBARD	(608)-266-3450	WI-0041
(88)FOSTER WHEELER POWER	PA	12/29/86	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-4324	PA-0036
(89)GOODYEAR	NY	10/14/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0021
GRAND HAVEN BOARD OF LT & PWR	MI	03/18/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0004
GRAND RIVER DAM AUTHORITY	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0001
(87)GWF POWER SYSTEMS CO.	CA	01/28/87	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0180
(89)GWF POWER SYSTEMS CO., INC.	CA	02/11/88	BAY AREA AQMD	S. LOPEZ	(415)-771-6000	CA-0282
HOLYOKE WATER POWER CO., MT. TOM PWR PL*	MA	10/27/82	MASSACHUSETTS DEQE*	DAVID HOWLAND	(617)-727-8640	MA-0005
HOUSTON LIGHTING & POWER	TX	10/28/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0005
HOUSTON LIGHTING & POWER	TX	11/12/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0011
IA SOUTHERN UTILITIES (CENTERVILLE, IA.)	IA	12/01/76	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	IA-0007
IDAHO NAT ENGINEERING LAB.	ID	06/05/81	EPA REGION X	DAVID TETTA	(206)-442-1193	ID-0002
INDIANA & MICHIGAN ELEC. CO., ROCKPORT *	IN	10/27/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0023
INDIANA STATEWIDE RURAL ELEC. COOP., ME*	IN	06/28/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0022
INDIANAPOLIS POWER & LIGHT CO., PATRIOT*	IN	12/14/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0025
INTERMOUNTAIN POWER PROJECT	UT	10/17/83	UTAH BAQ	DAVID KAPTA	(801)-533-6108	UT-0009A
INTERMOUNTAIN PWR PROJECT-IPP	UT	06/08/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0009
IOWA ELECTRIC LIGHT & POWER CO.	IA	10/29/82	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	IA-0011
IOWA-ILLINOIS GAS & ELECT.	IA	06/16/81	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	IA-0002

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)J. PAGNOTTI ENTERPRISES	PA	11/01/86	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-4324	PA-0035
JACKSONVILLE ELECT. AUTHORITY	FL	01/01/82	FLORIDA DER	BOB KING	(904)-488-1344	FL-0006
KANSAS CITY POWER & LIGHT	MO	01/07/77	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	MO-0004
KANSAS POWER & LIGHT CO.	KS	03/30/78	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	KS-0010
KENTUCKY POWER - CARR'S FAC.	KY	04/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0004
KENTUCKY UTILITIES - HANCOCK POWER PLANT	KY	04/15/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0027
LOUISVILLE GAS & ELECT. - TRIMBLE CNTY *	KY	12/27/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0025
LOUISVILLE GAS & ELECT. - WISE'S LANDIN*	KY	03/01/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0024
LOWER COLORADO RIVER AUTHORITY	TX	12/22/83	TEXAS ACB	JIM CROCKER	(512)-451-5711	TX-0136
MARQUETTE BOARD OF LT & PWR	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0014
MICHIGAN SOUTH CENTRAL POWER AGENCY	MI	05/16/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0001
MINN. POWER & LIGHT CO., CLAY-BOSWELL	MN	06/16/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	MN-0006
MORGANTOWN ENERGY RESEARCH CENTER	WV	09/20/79	EPA REGION III	EILEEN GLEN	(215)-597-8187	WV-0006
(87)MOUNT POSO COGENERATION CO.	CA	01/12/87	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0178
(89)MOUNT POSO COGENERATION CO.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0276
MUSCATINE POWER & WATER	IA	01/24/80	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0001
NE PUBLIC POWER DIST./GENTLEMAN #2	NE	02/09/77	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	NE-0003
NEBRASKA PUBLIC POWER DIST.	NE	12/16/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	NE-0002
NEVADA PWR CO.	NV	04/13/81	EPA REGION IX	LARRY BOHERMAN	(415)-974-8213	NV-0001
NEW ENGLAND POWER CO., BRAYTON POINT ST*	MA	11/01/80	MASSACHUSETTS DEQE*	VAUGHAN STEEVES	(617)-727-1440	MA-0006
(89)NORTH BRANCH ENERGY PARTNERS LP	PA	09/26/88	PENNSYLVANIA BAQC	BRUCE FRY	(412)-645-7129	PA-0058
(88)NORTHEASTERN POWER CO.	PA	06/27/86	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0044
(89)NORTHEASTERN POWER CO.	PA	06/17/88	PENNSYLVANIA BAQC	MIKE SAFKO	(717)-826-2531	PA-0044A
(88)NORTHERN ENERGY GROUP	NY	12/11/85	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0016
NORTHERN INDIANA PUBLIC SERVICE CO.	IN	03/31/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0003
NORTHERN STATE POWER CO., SHERBURNE STA	MN	04/25/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	MN-0007
NSPS COAL/WATER MIXTURE DEMO PROJECT	OH		PORTSMOUTH	FRANK PHILLIPS	(614)-353-5153	OH-0063
NY STATE ELECT. & GAS - CYUGA STATION	NY	06/29/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0003
OKLAHOMA GAS & ELECT. CO.	OK	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0003
OKLAHOMA GAS & ELECT. CO.	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0002
PACIFIC POWER & LIGHT	WY	12/01/75	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0012
PANORAMA ENERCORP, INC	WA	09/22/81	EPA REGION X	PAUL BOYS	(206)-442-1193	WA-0001
(88)PANTHER CREEK ENERGY	PA	02/17/88	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0042
PENNSYLVANIA ELECT. CO.	PA	08/18/81	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0004

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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PLAINS ELECT. GEN & TRANS	NM	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	NM-0002
PLATTE RIVER PWR-RAWHIDE	CO	05/22/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0012
(87)PYROPOWER CORP.	CA	12/01/86	KERN COUNTY APCD	TOM PAXSON	(305)-361-3682	CA-0165
RIO BRAVO REFINING CO.	CA	02/28/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0092
(87)RIO BRAVO REFINING CO.	CA	08/19/80	EPA REGION IX	JAMES HANSON	(415)-974-8218	CA-0092A
(87)RIO BRAVO REFINING CO.	CA	10/22/86	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0092B
S.C. PUBLIC SERVICE AUTHORITY	SC	12/03/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0010
SALT RIVER PROJECT CORONADO STATION UNI*	AZ	04/10/78	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0004
SANDOW STEAM ELECT. STATION	TX	09/20/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0007
(86)SCE - BIOGEN POWER PROJECT	CA	04/26/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0120
(89)SCRUBGRASS POWER CORP.	PA	01/18/89	PENNSYLVANIA BAQC	WILLIAM CHARLTON	(814)-724-8530	PA-0057
(88)SHERIDAN COAL CO.	PA	12/01/86	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-4324	PA-0034
SIERRA PACIFIC POWER CO.	NV	04/04/78	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	NV-0002
(88)SIGNAL FRACKVILLE ENERGY	PA	12/02/85	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0047
SIKESTON BOARD OF MUNICIPAL UTILITIES	MO	07/14/77	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	MO-0003
SOUTHWESTERN PUBLIC SERVICE	TX	03/30/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0006
SUNFLOWER ELECT. COOP., INC. - HAYS, KS.	KS	05/19/80	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	KS-0001
SW ELECT. POWER	LA	09/01/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0002
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0010
SW ELECT. POWER	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0015
SW ELECT. POWER	TX	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0001
TACOMA CITY LIGHT	WA	05/11/82	EPA REGION X	DAVID TETTA	(206)-442-1597	WA-0006
TAMPA ELECT. CO.	FL	10/15/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0003
(87)TENNESSEE VALLEY AUTHORITY	KY	04/15/86	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0007A
(87)TENNESSEE VALLEY AUTHORITY	KY	12/13/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0007B
(88)TENNESSEE VALLEY AUTHORITY	KY	05/04/88	KENTUCKY DAQ	JAMES DILLS	(502)-564-3382	KY-0007C
TUCSON ELECT. POWER CO. UNIT #3	AZ	04/11/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	AZ-0005
TUCSON ELECT. POWER CO. UNITS #1 & 2	AZ	12/21/77	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	AZ-0002
(87)TULTEX CORP.	VA	12/18/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0044
TVA - AFBC PILOT PLANT - SHAWNEE STEAM *	KY	04/14/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0007
TVA - PARADISE - DRAKESBORO	KY	06/25/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0036
U.S. NAVY - PUGET SOUND NAVAL SHIPYARD	WA	09/25/84	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0014
(87)UNION CAMP	VA	07/01/85	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0033
(89)UNITED DEVELOPMENT GROUP - NIAGARA INC.	NY	09/25/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0030

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)UTAH POWER & LIGHT CO.	UT	10/01/86	UTAH BAQ	L. MENLOVE	(801)-538-6108	UT-0034
UTAH PWR & LT CO-HUNTER STATION	UT	06/02/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0021
VIRGINIA POWER	VA	07/27/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0029
WASHINGTON WATER POWER CO.	WA	11/17/82	EPA REGION X	PAUL BOYS	(206)-442-1567	WA-0008
WEST TEXAS UTILITIES CO.	TX	05/20/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0012
(88)WESTWOOD ENERGY PROPERITES	PA	01/06/86	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0046
(86)WHITE PINE POWER PROJECT	NV	08/06/85	NEVADA DEP	GLEN GENTRY	(702)-885-4670	NV-0010
WISCONSIN ELEC. POWER CO., PLEASANT PRA*	WI	08/09/76	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0030
(88)WISCONSIN ELECTRIC POWER CO.	WI		WISCONSIN DNR	ALLEN HUBBARD	(608)-266-3450	WI-0036
WISCONSIN POWER & LIGHT CO., EDGEWATER *	WI	04/26/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0029
WISCONSIN PUBLIC SERVICE CORP., WESTON *	WI	05/11/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0028
(88)WM. H. ZIMMER GENERATING STATION	OH	02/05/87	SOUTHWESTERN OHIO *	THOMAS TUCKER	(513)-251-8777	OH-0145
3M CO.	AL	11/29/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0022
SOURCE TYPE -- 1.2 EXTERNAL COMBUSTION - OIL						
ANGUS PETROTECH	CA	11/29/83	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0069
(86)BERRY HOLDING CO.	CA	10/02/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0113A
DELCO MORAINE DIV., GMC	OH	07/01/85	DAYTON RAPCA	AMY WRIGHT	(513)-225-4435	OH-0071
(88)GEORGIA PACIFIC	OH	11/12/87	SOUTHWESTERN OHIO *	LAWRENCE HARRELL	(513)-251-8777	OH-0094A
(87)GEORGIA-PACIFIC CORP.	OH		SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0094
(87)GMC-CPC HAMILTON-FAIRFIELD	OH	12/31/86	SOUTHWEST OHIO APCA	LAWRENCE HARRELL	(513)-251-8777	OH-0088
HOOKER CHEMICAL & PLASTICS CORP.	MD	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0013
HOPCO	CA	12/04/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0089
HOUSTON LIGHTING & POWER	TX	01/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0013
NORTHERN INDIANA PUBLIC SERVICE CO., SC*	IN	08/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0024
(88)OWENS-ILLINOIS INC.	OH	11/26/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0117
(86)PETRO-LEWIS CORP.	CA	08/07/84	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0116B
(86)UNICAL	CA	12/27/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0125
(88)VIRGINIA DEPT. OF TRANSPORTATION	VA	10/13/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-4867	VA-0090
(88)VIRGINIA DEPT. OF TRANSPORTATION	VA	10/13/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-4867	VA-0091
(89)WISCONSIN TISSUE MILLS, INC.	WI	10/10/88	WISCONSIN DNR	DANIEL JOHNSTON	(608)-267-9500	WI-0037A

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
APPLIED POWER TECHNOLOGY	CA	11/29/83	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0066
(88)ARKANSAS EASTMAN CO.	AR	07/14/87	ARKANSAS DPC	SUSAN LOHR	(501)-562-7444	AR-0002A
(86)CALCOGEN	CA	04/26/84	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0135
(89)CHEVRON USA, INC.	CA	09/04/87	BAY AREA AQMD	E. LINDER	(415)-771-6000	CA-0284
CONSUMERS POWER CO.	MI	06/01/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0013
(88)DOUGLAS AIRCRAFT CO.	CA	04/23/87	SOUTH COAST AQMD	TRAN VO	(818)-572-6126	CA-0231
(89)DOW CHEMICAL CO.	MI	02/21/89	MICHIGAN DNR, AQD	RANDAL TELESZ	(517)-373-7083	MI-0109
(89)GENERAL ELECTRIC	AL	10/14/88	ALABAMA DEM	KENNETH BARRETT	(205)-271-7861	AL-0036
(86)GREENLEAF POWER CO.	CA	04/18/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0119
(88)KAISER ALUMINUM & CHEMICAL CORP.	OH	09/24/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-666-4248	OH-0107
MOBAY CHEMICAL CORP.	MO	08/16/83	KANSAS CITY AQS	LARRY COLE	(816)-274-2501	MO-0006
(87)NAVAL STATION TREASURE ISLAND	CA	12/19/86	BAY AREA AQMD	BOB MISHINURA	(415)-771-6000	CA-0193
(86)OLS ENERGY	CA	01/30/86	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0150
(87)OLS ENERGY	CA	02/27/87	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0150A
(87)REYNOLDS METALS CO.	VA	12/22/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0046
(86)SHELL CA PRODUCTION, INC.	CA	02/06/86	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0112A
SOUTHERN NAT. GAS	MS	08/21/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0003
(88)TRUNKLINE LNG	LA	05/27/87	LOUISIANA AQD, EPA*	KAREN PESSON	(504)-342-1206	LA-0047A
(88)VENTURA COASTAL CORP.	CA	08/31/87	VENTURA APCD	TERRI THOMAS	(805)-654-2849	CA-0234
(89)VENTURA COASTAL CORP.	CA	11/17/88	VENTURA COUNTY APCD	T. THOMAS	(805)-654-2844	CA-0281
(89)WESTINGHOUSE ELECTRIC CORP.	CA	08/17/88	BAY AREA AQMD	HARI DOSS	(415)-771-6000	CA-0292
(88)WICHITA FALLS ENERGY INVESTMENTS, INC.	TX	06/10/86	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0193
SOURCE TYPE -- 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
AFTON GENERATING CO.	WY	02/15/83	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0003
(87)AUBERRY ENERGY, INC.	CA	04/02/85	FRESNO COUNTY APCD	MIKE TOLLSTRAP	(209)-445-3239	CA-0172
(87)BURLINGTON INDUSTRIES	GA	11/13/86	GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0020
CO-GEN., INC.	ID	03/15/83	EPA REGION X	PAUL BOYS	(206)-442-1193	ID-0001
CO-GEN., INC.	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0001A

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)COGENERATION MICHIGAN, INC.	MI	09/15/87	MICHIGAN DNR	GREGORY EDWARDS	(517)-373-7023	MI-0049
COLLINS PINE CO.	CA	08/03/84	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0083
(89)CRAVEN COUNTY WOOD-ENERGY PROJECT	NC	01/24/89	NORTH CAROLINA DEM	SAMMY AMERSON	(919)-733-3340	NC-0046
(89)DECKER ENERGY INTERNATIONAL	VT	01/11/88	VERMONT NR, APCD	LARRY MILLER	(802)-244-8731	VT-0004
(88)DINUBA ENERGY, INC.	CA	03/16/87	TULARE APCD	MARTIN KEAST	(209)-733-6438	CA-0235
(87)ERATH VENEER CORP. OF VA	VA	12/30/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0043
(86)FAIRHAVEN POWER CO.	CA	02/12/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0124
(87)FAIRHAVEN POWER CO.	CA	01/10/85	NORTH COAST UNIFIE*	CHUCK SASSENRATH	(707)-443-3093	CA-0188
HAYFORK COGENERATION PROJECT	CA	12/14/83	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	CA-0070
(88)LOUISIANA PACIFIC CORP.	CA	11/06/87	BUTTE COUNTY APCD	JEFFREY MOTT	(916)-538-7383	CA-0261
(89)MARTELL COGENERATION LIMITED PARTNERSHIP	CA	11/30/88	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0272
MCNEIL GENERATING STATION	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-244-8731	VT-0002
(89)SIERRA PACIFIC INDUSTRIES	CA	05/31/88	EPA REGION IX	TOM ANDREWS	(415)-974-7658	CA-0268
(89)SOLEDAD ENERGY LIMITED PARTNERSHIP	CA	09/30/88	MONTEREY BAY UNIFI*	DAVID CRAFT	(408)-443-1135	CA-0295
(86)SUPERIOR FARMING CO.	CA	02/25/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0141
(89)TAYLOR-RAMSEY CORP.	VA	05/16/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0132
TEXAS ELECTRIC COOP.,INC.	TX	02/07/84	TEXAS ACB	JIM CROCKER	(512)-451-5711	TX-0145
(87)ULTRAPOWER - PLACER, INC.	CA	01/02/87	PLACER COUNTY APCD	NOEL BONDERSON	(916)-823-4443	CA-0194
ULTRASYSTEMS	CA	01/12/84	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	CA-0077
(86)ULTRASYSTEMS INC.	CA	08/09/85	TUOLUMNE COUNTY AP*	EARL WITHYCOMBE	(916)-862-1233	CA-0118
(89)WESTERN FOREST POWER	CA	07/19/88	MONTEREY BAY UNIFI*	DAVID CRAFT	(408)-443-1135	CA-0294
(88)WOOD PRESERVERS, INC.	VA	10/21/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0092
SOURCE TYPE -- 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT	IA	11/05/79	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0006
CITY OF COLUMBUS	OH	10/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0045
(89)FILER CITY	MI	06/21/88	MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7023	MI-0050A
FLORIDA POWER & LIGHT	FL	02/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0014
(88)GEOPRODUCTS/ZURN-NEPCO	CA	03/11/88	EPA REGION IX	JANET STROMBERG	(415)-974-8218	CA-0265
GULF STATES UTILITY	LA	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0004
HARNEY ELECT.	OR	08/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	OR-0001
(88)HOLLY FARMS POULTRY INDUSTRIES, INC.	NC	11/30/87	NORTH CAROLINA DEH	MIKE SEWELL	(919)-733-3340	NC-0044

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REPORT DATE 06/14/1989

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(89)HOPEWELL COGENERATION LIMITED PARTNERSH*	VA	07/01/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0141
INTERNATIONAL PAPER CO.	TX	02/04/84	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0144
(88)MERCK SHARP & DOHME	PA	09/16/87	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0039
(88)MERCK SHARP & POHME	PA	05/11/88	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0039A
MULTITRADE GROUP, INC.	VA	04/26/84	VIRGINIA APCB	TOM CREASY	(804)-786-1433	VA-0028
(88)MULTITRADE OF MARTINSVILLE, INC.	VA	07/24/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0082
(88)P.H. GLATFELLER CO.	PA	02/11/88	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0041
(86)PACIFIC THERMONETICS, INC.	CA	12/10/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0126
POWER AUTHORITY STATE OF NEW YORK	NY	02/22/82	EPA REGION II	DENNIS SANTELLA	(212)-264-9628	NY-0005
(87)S.D. WARREN CO.	MI	10/21/86	MICHIGAN DNR	DHRUMAN SHAH	(517)-373-7023	MI-0044
STONE CONTAINER CORP.	LA	06/02/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0042
(88)TEXAS UTILITIES ELECTRIC CO.	TX	03/10/87	TEXAS ACB	JAMES CROCKER	(517)-451-5711	TX-0204
(88)TONDU ENERGY SYSTEMS, INC.	MI	10/20/87	MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7023	MI-0050
SOURCE TYPE -- 1.6 EXTERNAL COMBUSTION - OTHER						
AMERICAN PACKAGING CORP.	PA	12/28/82	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0031
CALIFORNIA POWER & LIGHT	CA	01/01/84	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0062
(87)COGENTRIX VIRGINIA LEASING CORP.	VA	12/23/86	VIRGINIA APCB	CATHY TAYLOR	(804)-786-7767	VA-0048
CONTINENTAL CARBON CO.	TX	11/04/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0124
(89)CONTINENTAL ENERGY ASSOC.	PA	07/26/88	PENNSYLVANIA BAQC	MIKE SAFKO	(717)-826-2531	PA-0051
HOUSTON LIGHTING & POWER	TX	09/10/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0008
IMOTEK, INC.	CA	09/01/83	SACRAMENTO APCD	ROBERT KNIGHT	(916)-366-2107	CA-0071
METROPOLITAN SERVICE DISTRICT	OR		OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	OR-0003
OCCIDENTAL GEOTHERMAL - OXY #1	CA	05/10/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0034
(87)PACIFIC GAS & ELECTRIC CO.	CA	08/29/85	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0181
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	07/27/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0029
(88)SOUTHERN CALIFORNIA EDISON CO.	CA	12/02/86	SOUTH COAST AQMD	BILL BEHJAT	(818)-572-6167	CA-0219
(88)SOUTHERN CALIFORNIA EDISON CO.	CA	02/03/88	EPA REGION IX	JANET STROMBERG	(415)-974-8218	CA-0266
(88)TEXACO CHEMICAL CO.	TX	05/08/86	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0187
TEXAS UTILITIES GEN CO.	TX	09/22/77	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0003
TEXAS UTILITIES SERVICE, INC.	TX	02/09/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0002
TEXAS UTILITIES SERVICE, INC.	TX	01/17/78	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0004

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(88)THERMAL ENERGY DEVELOPMENT CORP.	CA	12/11/87	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0255
(86)THERMAL POWER	CA	05/20/85	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0123
U.S. SUGAR CORP.	FL	01/11/85	FLORIDA DER	HILLARD HANKS	(904)-488-1344	FL-0034
(86)VALLEY POWER ASSOC.	CA	09/24/84	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0134
(88)VIRGINIA POWER	VA	04/15/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0098
WESTCHESTER COUNTY RESOURCE RECOVERY	NY	02/22/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0008
(89)WHEELABRATOR DELANO ENERGY CO.	CA	05/27/88	KERN CO. APCD	TOM PAXSON	(805)-861-3682	CA-0267
SOURCE TYPE -- 2.1 REFUSE INCINERATION						
(86)ALTERNATIVE FUELS INDUSTRIES	OH	06/17/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0074
(87)AMERICAN REF-FUEL OF ESSEX COUNTY	NJ	12/11/85	NEW JERSEY DEP	ROBERT YEATES	(609)-292-0418	NJ-0007
(88)AMERICAN REFFUEL	NY	11/06/86	NEW YORK STATE DEC	DICK FORGEA	(518)-457-2044	NY-0018
ARLINGTON/ALEXANDRIA WASTE-TO-ENERGY PLT	VA	10/04/84	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0024
CE - RESOURCE RECOVERY SYSTEMS	MI	11/09/84	MICHIGAN DNR	RANDAL TELESZ	(517)-322-1333	MI-0039
(89)CHESTER SOLID WASTE ASSOCIATES	PA	09/23/88	PENNSYLVANIA BAQC	THOMAS MCGINLEY	(215)-270-1920	PA-0055
(88)CITY & COUNTY OF HONOLULU, H-POWER	HI	11/19/87	HAWAII DOH	DAVID TUNISON	(808)-548-6410	HI-0004
CITY OF CLEBURNE	TX	02/27/85	TEXAS ACB	JAMES RANDALL	(512)-451-5711	TX-0158
(87)CITY OF LONG BEACH	CA	10/23/85	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0183
COMMERCE REFUSE-TO-ENERGY	CA	05/08/84	SOUTH COAST AQMD	T. HUNT	(818)-572-6203	CA-0107
(88)DRAVO ENERGY RESOURCES	PA	07/23/87	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0037
DUTCHESS COUNTY RESOURCE RECOVERY	NY	10/14/83	NEW YORK DEC	JAMES HARRINGTON	(518)-457-2018	NY-0012
(87)ENERCAN RESOURCES, INC.	CA	01/08/86	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0184
ENERGY ANSWERS CORP.	MA	03/15/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0002
(89)ENERGY RESOURCES OF HENRICO, INC.	VA	12/29/89	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0151
(88)ERIE ENERGY RESOURCE, INC.	PA	02/05/87	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-4324	PA-0033
(88)HENNEPIN ENERGY RESOURCE CO.	MN	01/27/87	MINNESOTA PCA	LOUIS CHAMBERLAIN	(612)-296-7625	MN-0009
HOOKER ENERGY CORP.	NY	07/23/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0002
(89)HUNTSVILLE SOLID WASTE AUTHORITY	AL	10/06/87	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0029
(87)I-95 ENERGY/RESOURCE RECOVERY FACILITY	VA	01/12/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0055
(88)ISLIP RESOURCE RECOVERY AGENCY	NY	11/30/	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0019
(88)JACKSON COUNTY BOARD OF PUBLIC WORKS	MI	03/18/86	MICHIGAN DNR, AQD	LYNN FIEDLER	(517)-373-7023	MI-0066
(86)KAISER ENGINEERS CORP.	CA	12/31/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0130

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KATY SEGHERS	UT	02/24/84	UTAH BAQ	DAVID KOPTA	(801)-533-6108	UT-0032
(89)KENT COUNTY DEPT. OF PUBLIC WORKS	MI	09/15/87	MICHIGAN DNR, AQD	RANDAL TELESZ	(517)-373-7023	MI-0090
(89)LANCASTER COUNTY SOLID WASTE MANAGEMENT*	PA	02/22/89	PENNSYLVANIA BAQC	KANUBHAI PATEL	(717)-657-4587	PA-0056
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	04/25/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0030
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	07/02/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0030A
(86)MID-CONNECTICUT RESOURCE RECOVERY FACIL*	CT	04/18/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0002
(89)MMR/WALLACE	DE	01/01/84	DELAWARE DNR, DAH	A. MIRZAKHALILI	(302)-323-4542	DE-0007
(86)MONTGOMERY CNTY NORTH & SOUTH REDUCTION*	OH		OHIO REGIONAL APCA	VICTORIA HATHAWAY-*	(513)-225-4438	OH-0080
MUNICIPAL INCINERATOR PULASKI HWY	MD	01/25/80	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0002
N.E. MARYLAND WASTE DISPOSAL AUTHORITY	MD	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0005
NESHC RESOURCE RECOVERY FACILITY	MA	05/27/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0004
NORFOLK NAVAL SHIPYARD	VA	03/26/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0026
(86)NORTH COUNTY RESOURCE RECOVERY ASSOC.	CA	11/30/84	SAN DIEGO COUNTY A*	JUDITH LAKE	(619)-565-5908	CA-0132
(87)NORTH COUNTY RESOURCE RECOVERY ASSOC.	CA	04/02/85	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0132A
(86)OGDEN MARTIN SYSTEMS OF BRISTOL	CT	09/09/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0004
(87)OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	IN	03/24/86	INDIANAPOLIS APCD	DAVID JORDAN	(317) 633-5497	IN-0026
OGDEN MARTIN SYSTEMS OF MARION, INC.	OR	12/19/83	OREGON DEQ	WENDY SIMS	(503)-229-6414	OR-0004
(88)OGDEN MARTIN SYSTEMS OF SAN BERNARDINO	CA	03/29/88	EPA REGION IX	TOM ANDREWS	(415)-974-7658	CA-0264
(87)OGDEN MARTIN SYSTEMS OF TULSA, INC.	OK	03/20/86	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0021
(89)OGDEN/MARTIN SYSTEMS OF ALEXANDRIA	VA	07/26/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0140
PUBLIC WORKS & UTILITIES	FL	01/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0033
REDDY CREEK IMPROVEMENT DIST	FL	02/11/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0007
REFUSE FUELS, INC.	MA	03/23/81	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0001
(88)REFUSE INCINERATION	NY	01/31/86	NEW YORK STATE DEC	DICK FORGEA	(518)-457-2044	NY-0017
RESOURCE RECOVERY DEVELOPMENT AUTHORITY*	GA	04/05/84	GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0017
RESOURCES AUTHORITY	TN	08/01/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0012
(89)SIGNAL BROOKLYN	NY		EPA REGION II	PAUL KAHN	(212)-264-6674	NY-0020
(88)SIGNAL ENVIRONMENTAL SERVICES	NH	12/09/87	NEW HAMPSHIRE ARD/*	JAMES MARSTON	(603)-271-1370	NH-0002
(88)SOUTH BROWARD COUNTY RESOURCE RECOVERY *	FL	05/15/87	EPA REGION IV & FL*	MICHAEL BRANDON	(404)-347-2864	FL-0037
(87)STANISLAUS WASTE ENERGY CO.	CA	08/11/86	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0185
(86)TRI-CITIES RESOURCE RECOVERY	CA	12/03/85	BAY AREA AQMD	BRIAN BATEMAN	(415)-771-6000	CA-0154
(88)VICON RECOVERY SYSTEMS	NH	05/22/87	NEW HAMPSHIRE ARD/*	JAMES MARSTON	(603)-271-1370	NH-0001
VICON RECOVERY SYSTEMS	VT	03/20/84	ENVIRONMENTAL CONS*	LARRY MILLER	(802)-828-3395	VT-0003
(89)VICON RECOVERY SYSTEMS	VT	09/11/86	VERMONT NR, APCD	LARRY MILLER	(802)-244-8731	VT-0003A

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
(88)WEST PALM BEACH SOLID WASTE RESOURCE RE*	FL	12/16/86	EPA REGION IV & FL*	MICHAEL BRANDON	(404)-347-2864	FL-0036
(88)YORK COUNTY SOLID WASTE & REFUSE AUTHOR*	PA	05/13/87	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-4324	PA-0032
SOURCE TYPE -- 2.2 SEWAGE SLUDGE INCINERATION						
CITY OF L.A., HYPERION, BUREAU OF ENGIN*	CA	09/30/8?	EPA REGION IX	RICK SUGAREK	(415)-974-8224	CA-0033
COUNTY SANITATION DISTRICTS OF L.A. COU*	CA	02/13/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0033A
(87)MILL CREEK TREATMENT PLANT - MSD	OH	12/31/86	SOUTHWEST OHIO APCA	PEG GROEBER	(513)-251-8777	OH-0087
SOURCE TYPE -- 2.3 OTHER SOLID WASTE DISPOSAL						
(88)AQUATIC SYSTEMS, INC.	MI		MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0074
(88)ATLANTIC ELECTRIC REBUILDERS	VA	02/23/88	VIRGINIA SAPCB	CHARLES HOLMES	(804)-786-6079	VA-0109
(89)BFI OF OHIO & MICHIGAN, INC.	OH	04/27/88	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0155
(88)BROWNING-FERRIS IND. OF OHIO/MICHIGAN I*	OH	11/26/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0111
CREMATION SERVICES, INC.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0055
DELAWARE SOLID WASTE AUTHORITY	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0003
DELAWARE SOLID WASTE II	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0003A
GABRIEL POWER CO,	CA	04/18/84	FRESNO COUNTY APCD	C.E. MASKALL	(209)-445-3258	CA-0099
(88)INCENDERE, INC.	VA	02/26/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0115
LUBBOCK FEEDLOTS, INC.	TX	02/16/83	TEXAS ACB	RALPH BOHLER	(512)-451-5711	TX-0119
(87)MERCER VAULT CO.	VA	11/25/86	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0049
(88)METROPOLITAN FUNERAL SERVICES, INC.	VA	03/31/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0118
(89)NEA MESQUITE POWER	CA	07/01/85	IMPERIAL COUNTY AP*	HARRY DILLON	(619)-339-4650	CA-0280
RACK PROCESSING CO.	OH		DAYTON RAPCA	DONNA GORBY-LEE	(513)-225-5926	OH-0072
(88)THE LANE CO.	VA	07/23/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0081
WATSON ENERGY SYS, INC.	CA	01/03/80	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0021
(86)WESTERN POWER GROUP	CA	11/21/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0121
SOURCE TYPE -- 3.1 NATURAL GAS TURBINES						

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(89)ADA COGENERATION	MI	06/21/88	MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7023	MI-0082
(88)AES PLACERITA, INC.	CA	03/10/86	SOUTH COAST AQMD	ROBERT PEASE	(818)-572-6174	CA-0221
(88)AES PLACERITA, INC.	CA	07/02/87	SOUTH COAST AQMD	ROBERT PEASE	(818)-572-6174	CA-0221A
(88)AES PLACERITA, INC.	CA	07/02/87	SOUTH COAST AQMD	ROBERT PEASE	(818)-572-6174	CA-0221B
(88)ALASKA ELECTRICAL GENERATION & TRANSMIS*	AK	03/18/87	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0012
(88)ALASKA ELECTRICAL GENERATION & TRANSMIS*	AK	03/29/85	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0018
AMCO CHEMICALS CORP.	TX	03/01/84	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0149
(89)AMTRAK	PA	10/12/88	PHILADELPHIA AMS	THOMAS HUYNH	(215)-875-5632	PA-0052
ANCHORAGE MUNICIPAL LIGHT & POWER	AK	10/15/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0008
APPLIED ENERGY SERVICES	LA		LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0053
(88)BAF ENERGY	CA	07/08/87	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0249
(88)BAF ENERGY	CA	10/26/87	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0249A
BASF WYANDOTTE CO.	LA	09/13/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0054
CARDINAL COGEN	CA	06/29/83	EPA REGION IX	RICK SUGAREK	(415)-974-7631	CA-0084
(89)CHAMPION INTERNATIONAL	AL	11/30/88	ALABAMA DEM	KEN BARRETT	(205)-271-7861	AL-0040
(88)CHAMPION INTERNATIONAL CORP.	TX	03/05/85	TEXAS ACB	J. CUNNINGHAM	(512)-451-5711	TX-0178
(86)CHEVRON, U.S.A.	CA	07/22/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0110
CHUGACH ELECTRIC ASSOCIATION, UNIT #4	AK	08/06/82	EPA REGION X	PAUL BOYS	(206)-442-1567	AK-0005
(86)CIBA-GEIGY CORP.	NJ	01/03/85	NEW JERSEY DEP	THOMAS MICAI	(609)-984-3033	NJ-0006
(87)CITY OF SANTA CLARA	CA	01/05/87	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0192
(88)COGEN TECHNOLOGIES	NJ	06/03/87	NEW JERSEY DEP	WILLIAM KUEHNE	(609)-292-6716	NJ-0008
COLORADO INTERSTATE GAS	KS	10/19/82	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0013
(87)COMBINED ENERGY RESOURCES	CA	02/26/88	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0179
(88)COMBINED ENERGY RESOURCES	CA	02/26/88	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0179A
CROWN ZELLERBACH, INC.	CA	03/01/82	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	CA-0044
(89)DELMARVA POWER	DE	08/23/88	DELAWARE DNR, DAH	J. CUGNINI	(302)-736-4791	DE-0006
(87)DOUBLE 'C' LIMITED	CA	11/04/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0163
DOW CHEMICAL, USA	LA	11/14/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0011A
(86)ENERGY RESERVE, INC.	CA	10/04/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0115
EXPLORER PIPELINE CO.	TX	06/20/[illegible]	TEXAS ACB	R. HAMILTON	(512)-451-5711	TX-0150
(88)FARMLAND INDUSTRIES, INC.	TX	02/05/86	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0183
(88)FORMOSA PLASTIC CORP.	TX	05/29/86	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0048A
GETTY OIL CO.	CA	03/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0109
GETTY OIL, KERN RIVER COGENERATION PROJ*	CA	11/03/83	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0063

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(86)GILROY ENERGY CO.	CA	08/01/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0122
(88)GREAT LAKES GAS TRANSMISSION	MI	02/16/88	MICHIGAN DNR, AQD	LINDA HARDELL	(517)-373-7023	MI-0053
IBM COGENERATION PROJECT	CA	12/01/84	BAY AREA AQMD	VICTOR REYES	(415)-771-6000	CA-0105
(89)INDEC/OSWEGO HILL COGENERATION	NY	02/07/89	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0029
(89)INDECK - YERKS ENERGY SERVICES, INC.	NY	11/04/88	NEW YORK STATE DEC	JAMES HARRINGTON	(513)-457-2044	NY-0031
(89)KAMINE CARTHAGE	NY	07/01/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0026
(89)KAMINE SOUTH GLENS FALLS	NY	09/01/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0022
(86)KERN ENERGY CORP.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0136
(87)KERN FRONT LIMITED	CA	11/04/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0164
KISSIMMEE UTILITIES	FL	03/30/84	FLORIDA DER	TERESA HERON	(904)-488-1344	FL-0029A
(89)L & J ENERGY SYSTEM COGENERATION	NY	01/15/89	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0032
(89)LONG ISLAND LIGHTING CO.	NY	11/01/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0024
(89)LONG ISLAND LIGHTING CO.	NY	04/01/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0025
(88)MIDLAND COGENERATION VENTURE	MI	02/16/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0054
(87)MIDWAY - SUNSET PROJECT	CA	01/06/87	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0177
(88)MIDWAY-SUNSET COGENERATION CO.	CA	01/27/88	EPA REGION IX	SHIRLEY RIVERA	(415)-974-7043	CA-0262
(89)MOBIL EXPLORATION & PRODUCING US, INC.	CA	09/27/88	MONTEREY BAY UNIFI*	F. THOITS	(408)-722-7879	CA-0293
(89)MOBIL OIL	CA	09/27/88	MONTEREY BAY UNIFI*	F. THOITS	(408)-443-1135	CA-0297
(89)MOJAVE COGENERATION CO.	CA	01/12/89	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0273
(89)MOJAVE COGENERATION CO., L.P.	CA		EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0274
(89)MONARCH COGENERATION	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0289
(89)MONARCH COGENERATION	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0288
(86)MORAN POWER, INC.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0138
NEVADA PWR CO., CLARK STATION UNIT #7	NV	10/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	NV-0003
NEVADA PWR CO., CLARK STATION UNIT #8	NV	09/11/80	EPA REGION IX	LARRY BOHERMAN	(415)-974-8213	NV-0005
(86)NORTHERN CALIFORNIA POWER	CA	04/01/85	MENDOCINO COUNTY A*	R. SHAN	(707)-463-4391	CA-0139
NORTHERN CALIFORNIA POWER AGENCY	CA	09/05/84	PLACER COUNTY APCD	KEN SELOVER	(916)-823-4443	CA-0095
NORTHERN NATURAL GAS	KS	03/12/82	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0015
(87)O'BRIEN ENERGY SYSTEMS/MERCHANTS REFIRG*	CA	12/30/86	MONTEREY BAY APCD	DAVID CRAFT	(408)-443-1135	CA-0189
(89)OCEAN STATE POWER	RI	12/13/88	RHODE ISLAND DEM	DOUG MCVAY	(401)-277-2808	RI-0004
(88)PACIFIC GAS TRANSMISSION CO.	OR	05/19/87	OREGON DEQ	WENDY SIMS	(503)-229-6414	OR-0006
(89)PACIFIC THERMONETICS, INC.	CA	04/06/89	EPA REGION IX	PETER FICKENSCHER	(415)-974-8226	CA-0298
PANHANDLE EAST. PIPE LINE CO.	KS	11/18/81	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0016
PETRO-TEX CHEMICAL CORP.	TX	12/21/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	TX-0130

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TABLE 1. INDEX (CONTINUED).

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(87)PG & E, STATION T	CA	08/25/86	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0162
(88)POWER DEVELOPMENT CO.	CA	08/22/87	SOUTH COAST AQMD	MILLIAN THOMPSON	(818)-572-6185	CA-0230
PROCTOR & GAMBLE	CA	06/07/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0067
PRUDHOE BAY CONSORTIUM	AK	09/29/82	EPA REGION X	DAVID TETTA	(206)-442-1193	AK-0004
PUGET SOUND POWER & LIGHT	WA	08/23/82	EPA REGION X	PAUL BOYS	(206)-442-1567	WA-0007
(88)SAN JOAQUIN COGEN LIMITED	CA	06/19/87	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0251
(86)SHELL CALIFORNIA PRODUCTION CO.	CA	04/30/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0112
(87)SIERRA LTD.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0159
SIMPSON COGENERATION PROJECT	CA	01/06/84	SOUTH COAST AQMD	BRIAN YEH	(818)-572-6256	CA-0098
(86)SOUTHEAST ENERGY, INC.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0137
SOUTHERN CALIF. EDISON CO.	CA	04/25/83	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0047
(86)SUNLAW/INDUSTRIAL PARK 2	CA	06/28/85	SOUTH COAST AQMD	BOB PEASE	(818)-572-6174	CA-0147
SW GAS STORAGE CO., PANHANDLE EAST. PIP*	KS	12/11/80	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0005
(87)SYCAMORE COGENERATION CO.	CA	03/06/87	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0196
(88)TBG/GRUMMAN	NY	03/10/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0013
(89)TEXACO-YOKUM COGENERATION PROJECT	CA	11/01/88	MONTEREY BAY UNIFI*	F. THOITS	(408)-443-1135	CA-0296
TEXAS EASTERN TRANSMISSION CO.	PA	07/07/82	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0027
(88)TEXAS GAS TRANSMISSION CORP.	KY	02/26/88	KENTUCKY DAQ	JAMES DILLS	(502)-564-3382	KY-0048
TEXAS GULF CHEMICALS CO.	TX	06/11/84	TEXAS ACB	J. RANDALL	(512)-451-5711	TX-0151
TEXAS PETRO CHEMICALS CORP.	TX	06/08/84	TEXAS ACB	J. RANDALL	(512)-451-5711	TX-0152
TOSCO CORP.	CA	12/13/83	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0046B
(89)TRIGEN	NY	07/01/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0027
(87)U.S. BORAX & CHEMICAL CORP.	CA	02/20/87	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0186
(86)UNION COGENERATION	CA	01/17/86	BAY AREA AQMD	STEVE HILL	(415)-771-6000	CA-0155
UNIVERSITY CO-GENERATION LTD., 1983-I	CA	03/21/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0064
VULCAN MATERIALS CO.	KS	07/23/81	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0009
(87)WESTERN POWER SYSTEM, INC.	CA	03/15/86	FRESNO COUNTY APCD	SIMEON BUGAY	(209)-443-3239	CA-0167
(86)WILLAMETTE INDUSTRIES	CA	04/26/85	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0144
(86)WITCO CHEMICAL CORP.	CA	12/19/84	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0111A
(89)YERKES	NY	11/01/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0023

SOURCE TYPE -- 3.2 NATURAL GAS COMPRESSORS

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TABLE 1. INDEX (CONTINUED).

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ALGONQUIN GAS TRANSMISSION CO.	CT	03/05/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	CT-0001
(88)ANR PRODUCTION CO.	VA	03/03/88	VIRGINIA SAPCB	JAMES LEHAN	(804)-786-5783	VA-0107
ANR STORAGE CO.	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0015
CO INTERSTATE GAS, CHEYENNE	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0001
CO INTERSTATE GAS, DEERTRAIL	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0002
CO INTERSTATE GAS, FLANK	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0003
CO INTERSTATE GAS, KIT CARSON	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0004
CO INTERSTATE GAS, TOTEM/LONG	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0005
CO INTERSTATE GAS, WATKINS	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0006
CONSOLIDATED GAS SUPPLY CORP.	WV	09/14/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	WV-0001
(88)CONSOLIDATED GAS TRANSMISSION CORP.	PA	05/10/88	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0048
EL PASO NATURAL GAS CO., WASHINGTON RAN*	NM	05/14/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0006
ENSERCH EXPLORATION CO.	TX	12/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0133
GETTY OIL CO.	TX	10/12/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0101
LIQUID ENERGY CORP.	TX	11/10/82	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0128
LLANO, INC.	NM	06/22/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0009
MICHIGAN WISCONSIN PIPE LINE CO.	MI	11/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0016
(88)NATIONAL FUEL GAS SUPPLY CORP.	PA	02/01/88	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0043
(88)NORTHERN NATURAL GAS	IA	02/04/86	EPA REGION VII	JON KNODEL	(913)-236-2896	IA-0020
PANHANDLE EAST. PIPE LINE CO.	KS	07/28/80	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0002
PANHANDLE EAST. PIPE LINE CO., FRED.	CO	11/25/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0010
PANHANDLE EAST., FT. LUPTON	CO	05/29/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0011
PHILLIPS PETROLEUM CO.	TX	12/15/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0125
SANTA FE ENERGY	CA	12/02/82	VENTURA COUNTY	KEITH DUVAL	(805)-654-2664	CA-0073
(86)SHELL CALIFORNIA PRODUCTION	CA	12/02/85	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0078B
(88)SHELL CALIFORNIA PRODUCTION CO.	CA	11/14/84	SOUTH COAST AQMD	VIJI SADASIVAN	(818)-572-6214	CA-0260
SHELL CALIFORNIA PRODUCTION, INC., BELL*	CA	05/29/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0079
SOUTHERN NAT. GAS	AL	01/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0011
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0012
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0013
(89)SOUTHERN NATURAL GAS CO.	AL	02/19/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0012A
TENNESSEE GAS PIPELINE CO.	PA	03/01/83	PENNSYLVANIA BAQ, *	WILLIAM CHARLTON	(814)-724-8530	PA-0028
TRANSCONTINENTAL GAS PIPELINE CORP.	LA	10/14/83	LAQD/EPA REGION VI	HARENDRA RAOL	(504)-342-8940	LA-0043
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	09/23/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0013A

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0013
TRANSWESTERN PIPELINE CO., ISLER NO. 1 *	NM	05/08/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0014
TRANSWESTERN PIPELINE CO., KEMNITZ STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0012
TRANSWESTERN PIPELINE CO., MALJAMAR STA*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0011
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010A
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010B
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010C
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010D
VALERO TRANSMISSION CO.	TX	09/09/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0104
WESTAR TRANSMISSION CO.	TX	12/07/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0134
(89)WESTERN GAS PROCESSORS, LTD.	ND	09/11/84	NORTH DAKOTA SHD	GARY HELBLING	(701)-224-2348	ND-0009
(89)XIOX CORP.	PA	10/31/88	PENNSYLVANIA BAQC	WILLIAM CHARLTON	(412)-645-7100	PA-0053
SOURCE TYPE -- 3.3 OTHER INTERNAL COMBUSTION						
AMERICAN COGENERATION CO.	CA	12/28/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0090
(86)AMERICAN COGENERATION CORP.	CA	09/12/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0090A
(86)AMERICAN COGENERATION TECHNOLOGY	CA	09/16/85	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0148
ARGO PETROLEUM, FERNDALE LEASE	CA	09/30/83	VENTURA COUNTY	KEITH DUVAL	(805)-654-2664	CA-0074
CAJUN ELECT. POWER COOP.	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0001
(87)CAROLINA COGENERATION CO., INC.	NC	07/11/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0038
CITY OF AUGUSTA	KS	05/29/81	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0007
CITY OF BELOIT	KS	05/26/82	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0014
CITY OF KINGMAN	KS	03/01/83	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0017
CITY OF OTTAWA	KS	12/02/80	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	KS-0004
(87)CITY OF VENTURA WASTEWATER TREATMENT PL*	CA	12/31/86	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0190
(89)COGENERATION PARTNERS OF AMERICA	OH	04/06/88	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0157
(88)COGENERATION RESOURCE, INC.	CA	11/25/87	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0197
EMPIRE DIST. ELECT. CO.	MO	01/07/81	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	MO-0001
EXXON CORP.	TX	01/29/85	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0162
FLORIDA POWER	FL	01/21/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0020
GENERAL MOTORS CORP., PROVING GROUNDS	MI	03/14/84	MICHIGAN DNR	KENNETH TERRY	(517)-322-1333	MI-0026A

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(86)GENSTAR GAS RECOVERY SYSTEMS	CA	08/29/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0151
(88)GREENS CREEK MINING CO.	AK	09/10/87	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0019
(88)GSF ENERGY, INC.	CA	11/13/86	SOUTH COAST AQMD	TED KOWALCZYK	(818)-572-6186	CA-0209
GULF STATES UTILITY	LA	01/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0005
GULF STATES UTILITY	LA	12/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0003
(88)HAWAII ELECTRIC LIGHT CO., INC.	HI	11/17/87	HAWAII DOH	NOLAN HIRAI	(808)-548-6410	HI-0002A
(86)HAWAIIAN ELECTRIC	HI	05/08/84	EPA REGION IX	JIM HANSON	(415)-974-8218	HI-0002
HOFFMANN-LAROCHE, INC.	NJ	08/17/81	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0003
KILN-GAS R & D INC.	IL		ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0019
(89)LAJET ENERGY CO.	CA	07/17/86	SAN DIEGO COUNTY A*	CRAIG ANDERSON	(619)-694-3318	CA-0286
(88)MAUI ELECTRIC CO., INC	HI	11/17/87	HAWAII DOH	GARY SIU	(808)-548-6410	HI-0003
(89)MAUI PINEAPPLE CO., LTD.	HI	05/17/88	HAWAII DOH	TYLER SUGIHARA	(808)-548-6410	HI-0005
NEVADA PWR CO./REID GARDNER STATION	NV	01/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	NV-0004
ORGANIC FUEL PRODUCTION, INC.	TX	02/16/83	TEXAS ACB	GARY HALLIN	(512)-451-5711	TX-0113
P G & E - LOS MEDANOS COMPRESSORS	CA	01/08/81	BAY AREA AQMD	JOHN LAIRD	(415)-771-6000	CA-0106
PACIFIC ENERGY RESOURCES	CA	11/14/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0086
(86)PACIFIC LIGHTING ENERGY	CA	03/01/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0103A
PACIFIC LIGHTING ENERGY SYSTEMS	CA	01/28/85	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0103
(87)POPPY RIDGE PARTNERS	CA	09/16/86	SACRAMENTO COUNTY *	A. KENNARD	(916)-366-2107	CA-0175
PRUDHOE BAY CONSORTIUM	AK	12/17/80	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0003
SANTA CRUZ COGENERATION ASSOC.	CA	07/23/84	MONTEREY BAY UNIFI*	B. NISHIMURA	(408)-443-1135	CA-0101
SEA WORLD, INC.	CA	06/11/82	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	CA-0042
SEA WORLD, INC.	CA	05/12/83	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	CA-0042A
SEBRING UTILITIES COMMISSION	FL	04/03/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0025
(87)SF SOUTHEAST TREATMENT PLANT	CA	05/01/85	BAY AREA AQMD	STEVE HILL	(415)-771-6000	CA-0171
SHELL OIL CO.	TX	03/27/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0030
SOLEDAD COGENERATION ASSOC.	CA	03/05/84	MONTEREY BAY UNIFI*	B. NISHIMURA	(408)-443-1135	CA-0102
(88)SOUTHERN CALIFORNIA GAS CO.	CA	11/03/86	SOUTH COAST AQMD	KIEN HUYNH	(818)-572-6360	CA-0215
(87)STATE OF UTAH NATURAL RESOURCES	UT	09/01/86	UTAH BAQ	L. MEULUVE	(801)-538-6108	UT-0033
(88)THERMOPOWER & ELECTRIC	CO	01/06/88	COLORADO DEH	CATHY RHODES	(303)-331-8593	CO-0014
TRENTON DISTRICT ENERGY CO.	NJ	10/29/81	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0002
(87)TRICOUNTY SUN ENERGY SHERATON HOTEL	CA	08/07/86	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0191
(86)WITCO CHEMICAL CORP.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0111
(88)3M	TX	05/30/86	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0189

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 04/24/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 4.1 SURFACE COATING - CANS/COILS						
(88)ALUMINUM BEVERAGE CAN	VA	02/05/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0106
(89)ALUMINUM CO. OF AMERICA	IN	10/17/86	INDIANA DEM	D. ZELL	(317)-232-8456	IN-0029
BALL METAL CONTAINER GROUP	OH	04/10/81	OHIO EPA NWD	DON WALTERMEYER	(419)-352-8461	OH-0035
(86)CONTINENTAL CAN CO.	CA	03/15/85	BAY AREA AQMD	JUDY CUTINO	(415)-771-6000	CA-0143
(86)CONTINENTAL CAN CO.	OH		SOUTHWEST OHIO APCA	JIM SADELFELD	(513)-251-8777	OH-0082
CONTINENTAL CAN CO., USA PLANT #82	OH	07/01/83	REGIONAL APCA	JAMES GROSS	(513)-225-4435	OH-0047
(86)CROWN CORK & SEAL CO., INC.	CA	12/31/85	BAY AREA AQMD	J. CUTINO	(415)-771-6000	CA-0153
(88)DOUGLAS CALL CO.	VA	01/21/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-4867	VA-0103
EVANS COOPERAGE CO., INC.	OK	05/04/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0015
(86)HEEKIN CAN	OH	01/10/86	SOUTHWEST OHIO APCA	JIM SADELFELD	(513)-251-8777	OH-0081
(88)HEEKIN CAN, INC.	OH	08/27/87	SOUTHWESTERN OHIO *	RUDOLF ZOLG	(513)-251-8777	OH-0081A
(88)HEEKIN CAN, INC.	OH	01/21/88	SOUTHWESTERN OHIO *	JIM SADELFELD	(513)-251-8777	OH-0081B
(88)METAL CONTAINER CORP.	NY	09/30/87	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0015
MILLER BREWING CO.	GA	07/02/79	GEORGIA EPD	HAI CHANG	(404)-656-6900	GA-0011
NATIONAL CAN CORP.	IL	11/09/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0011
PREFINISH METALS	OH	05/04/79	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0039
(88)STAR KIST SAMOA, INC.	AS	05/19/87	EPA REGION IX	TOM ANDREWS	(415)-974-7658	AS-0002
STROH CONTAINER	OH	08/30/79	OHIO EPA NWD	DON WALTERMEYER	(419)-352-8461	OH-0036
(88)STUART FLOORING CORP.	VA	01/25/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0100
SOURCE TYPE -- 4.2 SURFACE COATING - PAPERS/FABRICS						
ALLIED PRINTERS & PUBLISHERS, INC.	OK	03/13/81	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0016
ARKWRIGHT, INC.	RI	06/05/84	RHODE ISLAND DAHM	DOUG MCVAY	(401)-277-2808	RI-0001
AVERY INTERNAT	OH	06/11/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0014
(89)BDF - TESA CORP	MI	12/01/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7081	MI-0101
BROWN BRIDGE MILLS, DIV. OF KIMBERLY CL*	OH	07/01/85	DAYTON RAPCA	TIM WILSON	(513)-225-4435	OH-0070
(86)CONTAINER CORP. OF AMERICA	CA	01/02/86	BAY AREA AQMD	JOE SLAMOVICH	(415)-771-6000	CA-0152
DIETZGEN CORP.	IL	12/11/80	EPA REGION V	CHRIS ROMAINE	(217)-782-2113	IL-0013

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(88)DIVERSITECH GENERAL	OH		TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0137
FRYE COPY SYS, INC	IN	11/07/00	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0019
GAZETTE PRESS PRINTING	CA	12/20/82	BAY AREA AQMD	MOHAMAD MDAZED	(415)-771-6000	CA-0054
(88)H. P. SMITH	IA	07/03/85	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0021
H.S. CROCKER CO. PRINTING	CA	03/21/82	BAY AREA AQMD	MOHAMAD MDAZED	(415)-771-6000	CA-0055
INLAND, DIVISION OF G.M. CORP.	OH	09/18/80	REGIONAL APCA	JAMES GROSS	(513)-225-4435	OH-0048
INTERNAT. LABEL MFG. FAC.	TN	03/26/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0004
ITEN FIBRE CO.	OH	12/23/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0015
(89)JAMES RIVER	IA	11/17/88	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0022
MURRAY RUBBER, (MEAD COMPANY)	TX	07/01/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0086
NDM CORP.	OH	07/23/82	RAPCA - DAYTON,OH	THURMAN SMITH	(513)-225-4435	OH-0043
(86)PEACEDALE PROCESSING	RI	11/21/85	RHODE ISLAND DAHM	DOUG MCVAY	(401)-277-2808	RI-0003
(89)PHOMAT REPROGRAPHICS	MI	03/09/89	MICHIGAN DNR	CHRISTOPHER STOCK	(517)-373-7023	MI-0114
STECHER-TRAUNG-SCHMIDT	CA	10/08/82	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0050
(86)STECHER-TRAUNG-SCHMIDT	CA	11/05/85	BAY AREA AQMD	E. LINDER	(415)-771-6000	CA-0050A
SOURCE TYPE -- 4.3 SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						
CHEVROLET - FLINT MANUFACTURING	MI	03/07/84	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0035
CHRYSLER CORP.	MI	06/05/80	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0008
(89)CHRYSLER MOTORS	MI	08/08/88	MICHIGAN DNR, AQD	DAVID YANOCHKO	(517)-373-7023	MI-0091
(89)CHRYSLER MOTORS	OH		TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0156
(87)DIAMOND-STAR MOTORS	IL	08/15/86	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0030
FMC CORP. - SAN JOSE ORDINANCE	CA	06/22/82	BAY AREA AQMD	BRIAN BATEMAN	(415)-771-6000	CA-0059
FORD MOTOR CO.	MI	01/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0017
(89)FORD MOTOR CO.	MI		MICHIGAN DNR, AQD	DANITA BRANDT	(517)-373-7023	MI-0088
(89)FORD MOTOR CO.	MI	10/17/88	MICHIGAN DNR, AQD	CHRISTOPHER STOCK	(517)-373-7023	MI-0105
(89)FORD MOTOR CO.	MI	11/28/88	MICHIGAN DNR	DANITA BRANDT	(517)-373-7078	MI-0112
(89)FORD MOTOR CO.	MI	02/01/89	MICHIGAN DNR, AQD	CHRIS STOCK	(517)-373-7077	MI-0115
(89)FORD MOTOR CO.	MI	02/01/89	MICHIGAN DNR, AQD	CHRIS STOCK	(517)-373-7077	MI-0116
(89)FORD MOTOR CO.	MI	02/01/89	MICHIGAN DNR, AQD	CHRIS STOCK	(517)-373-7077	MI-0117
GENERAL MOTORS - TOYOTA JOINT VENTURE	CA	02/22/84	BAY AREA AQMD	JIM TOMICH	(415)-771-6000	CA-0104
GENERAL MOTORS CORP.	KY	09/12/84	KENTUCKY DEP	JAMES DILLS	(502)-564-3382	KY-0043

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(88)GENERAL MOTORS CORP.	MO	05/14/80	EPA REGION VII	CHARLES MHITMORE	(913)-236-2896	MO-0007
(88)GENERAL MOTORS CORP.	TX	01/14/87	TEXAS ACB	JAMES CUNNINGHAM	(517)-451-5711	TX-0202
GM MORLD MIDE TRUCK DIV	OH	05/13/80	RAPCA - DAYTON,OH	DONNA GORBY-LEE	(513)-225-4435	OH-0009
(88)JEEP CORP.	OH	01/07/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0100A
(89)MERCEDES BENZ TRUCK CO.	VA	06/10/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0133
(88)ROCKMELL INTERNATIONAL	OH		OHIO EPA	MICHAEL HOPKINS	(614)-481-2055	OH-0095
VOLKSHAGEN OF AM	MI	06/01/80	MICHIGAN DNR	JON TROUT	(517)-322-1333	MI-0007
(89)VOLVO GM HEAVY TRUCK CO.	VA	07/08/88	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0138
SOURCE TYPE -- 4.4 SURFACE COATING - METAL FURNITURE						
(86)HAMORTH, INC.	MI		MICHIGAN DNR	LYNN FIEDLER	(517)-322-1333	MI-0040
KINCAID FURNITURE CO., INC.	NC	10/17/83	NORTH CAROLINA DEM	MIKE SEMELL	(919)-733-7015	NC-0031
MERIDIAN, INC.	MI	11/07/84	MICHIGAN DNR	PAUL SCHLEUSENER	(517)-322-1333	MI-0038
(88)METALMORKS, INC.	MI	03/29/88	MICHIGAN DNR	DHRUMAN SHAH	(517)-373-7023	MI-0060
(89)MILL BUSINESS FURNITURE	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0167
(88)SPECTRA-COLOR, INC.	MI	03/29/88	MICHIGAN DNR	DHRUMAN SHAH	(517)-373-7023	MI-0059
(89)SPECTRA-COLOR, INC.	MI		MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7080	MI-0104
(89)STEELCASE INC.	MI		MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7080	MI-0119
STEELCASE, INC.	MI	06/01/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	MI-0018
(88)STEELCASE, INC.	MI	12/01/87	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0018A
(88)STEELCASE, INC.	MI	04/19/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0018B
SOURCE TYPE -- 4.5 SURFACE COATING - MAGNET MIRE						
(88)ESSEX GROUP, INC.	TN		TENNESSEE APCD	CURTIS MAPP	(615)-741-3931	TN-0022
PHELPS DODGE, MAGNET MIRE CORP.	KY	03/25/75	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0035
SOURCE TYPE -- 4.6 SURFACE COATING - LARGE APPLIANCES						
SANYO E&E CORP.	CA	08/21/81	SAN DIEGO APCD	LORENZO ALEJANDRIA	(619)-565-3914	CA-0043

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 4.7 SURFACE COATING - MISC. METAL PARTS/PRODUCTS						
(87)AAR BROOKS & PERKINS	MI	03/31/87	MICHIGAN AQD	DAVE FERRIER	(517)-373-7023	MI-0047
(88)AIRESEARCH CO.	CA	01/08/87	SOUTH COAST AQMD	DOUG GORDON	(818)-572-6230	CA-0211
(88)AIRESEARCH CO.	CA	01/08/87	SOUTH COAST AQMD	DOUG GORDON	(818)-572-6230	CA-0211A
(88)AIRESEARCH CO.	CA	01/08/87	SOUTH COAST AQMD	DOUG GORDON	(818)-572-6230	CA-0211B
(88)AIRESEARCH CO.	CA	01/08/87	SOUTH COAST AQMD	DOUG GORDON	(818)-572-6230	CA-0211C
(88)AIRESEARCH CO.	CA	01/08/87	SOUTH COAST AQMD	DOUG GORDON	(818)-572-6230	CA-0211D
ALENCO DIVISION OF REDMAN BUILDING PROD*	TX	04/17/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0129
(88)AMERICAN CUSTOM INDUSTRIES, INC.	OH	05/28/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0134
AMERICAN METAL DECORATING CO.	CA	03/07/80	BAY AREA AQMD	JOHN PHILLIPS	(415)-771-6000	CA-0053
(89)B.O.C. GROUP, GENERAL MOTORS CORP.	MI	01/17/89	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0102
(88)BASF CORP.	OH	09/12/86	TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0103
(88)BASF CORP.	OH	05/06/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0103A
(89)BOEING COMMERCIAL AIRPLANES	WA	01/01/89	WASHINGTON DOE	JOHN DRABEK	(206)-867-7106	WA-0021
(88)BONDED BRAKES	MI	04/15/88	MICHIGAN DNR, AQD	KAREN CARLSON	(517)-373-7023	MI-0064
(88)CIBA-GEIGY CORP.	CA	12/30/87	SOUTH COAST AQMD	RAVI BHATIA	(818)-572-6152	CA-0237
(88)GENERAL DYNAMICS CORP.	CA	11/24/86	SOUTH COAST AQMD	ANDREW LEE	(818)-572-6150	CA-0208
(88)GENERAL DYNAMICS CORP.	CA	11/24/86	SOUTH COAST AQMD	ANDREW LEE	(818)-572-6150	CA-0208A
(88)GENERAL DYNAMICS CORP.	CA	11/24/86	SOUTH COAST AQMD	ANDREW LEE	(818)-572-6150	CA-0208B
(87)GENERAL MOTORS CORP.	MI	10/06/86	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0045
GMC, TRUCK & BUS GROUP	MI	05/01/84	MICHIGAN DNR	DAVE FERRIER	(517)-322-1333	MI-0036
(89)HEEKIN CAN CO.	PA	09/01/88	ALLEGHENY COUNTY A*	J. GRAHAM	(412)-578-8116	PA-0059
(88)HERBERT E. ORR CO., INC.	OH	08/27/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0102
(88)JEEP CORP.	OH	10/06/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0100
MARK IND.	TX	10/20/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0103
(88)MELINK SAFE CO.	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0122
(89)MICHIGAN SEAT CO.	MI	07/15/88	MICHIGAN DNR, AQD	DAVID YANOCHKO	(517)-373-7023	MI-0085
(89)MIDWEST BRAKE BOND	MI	05/16/88	MICHIGAN DNR, AQD	LYNN FIEDLER	(517)-373-7023	MI-0078
(88)PRO-STEEL, INC.	TX	01/23/87	TEXAS ACB	JIM KAMRATH	(517)-451-5711	TX-0203
(88)QUALITY METAL FINISHING CORP.	CA	11/12/86	SOUTH COAST AQMD	ABID LATIF	(818)-571-5133	CA-0210
(88)REDICK ENTERPRISES, INC.	MI	12/30/87	MICHIGAN DNR, AQD	LINDA HARDELL	(517)-373-7023	MI-0073

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)SIERRA TILE	CA	01/21/88	SACRAMENTO CO. APCD	ALETA KENNARD	(916)-366-2107	CA-0250
SQUARE D CO.	OH	01/25/84	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0060
(88)SUPREME BUMPERS, INC.	OH	05/08/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0127
(89)TAYLOR BUILDING PRODUCTS	MI	10/18/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0100
TIFTON ALUMINUM CO.	LA	01/10/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0044
(88)TOYO SEAT USA	MI	04/01/88	MICHIGAN DNR, AQD	CHRISTOPHER STOCK	(517)-373-7023	MI-0068
(88)VACUMET FINISHING, INC.	MI	09/23/87	MICHIGAN DNR, AQD	CHRISTOPHER STOCK	(517)-373-7023	MI-0055
SOURCE TYPE -- 4.8 SURFACE COATING - FLATWOOD PANELING						
ABITIBI-PRICE CORP.	OH	07/07/83	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0049A
(89)BRUCE HARDWOOD FLOORS	TX	09/02/88	TEXAS ACB	JAMES CUNNINGHAM	(517)-451-5711	TX-0219
SOURCE TYPE -- 4.9 SOLVENT DEGREASING						
ALLOYTEK	MI	08/05/83	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0033
BRIGGS & STRATTON CORP.	WI	03/04/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0006
(86)EIMAC/VARIAN FAB CENTER	CA	07/12/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0146
(89)GENERAL MOTORS CORP.	MI		MICHIGAN DNR, AQD	TOM JULIEN	(517)-373-7023	MI-0045A
(88)IBM GENERAL TECHNOLOGY DIVISION	VA	02/08/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0114
REGAL INTERNATIONAL, INC.	TX	09/22/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0132
SOURCE TYPE -- 4.11 WASTE SOLVENT RECLAMATION						
(86)MANVILLE FOREST PRODUCTS	CA	11/06/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0117
(88)SOL-PRO/LILYBLAD HAZARDOUS WASTE MANAGE*	MA	05/01/87	PUGET SOUND APCA	JAMES NOLAN	(206)-344-7355	MA-0016
(88)SOLVENT PROCESSORS & RECLAIMERS	OH		SOUTHWESTERN OHIO *	FRANK STOY	(513)-251-8777	OH-0147
(88)SOLVENT RESOURCE RECOVERY, INC.	OH		REGIONAL APCA	DONNA GORBY-LEE	(513)-225-4435	OH-0044A
SOURCE TYPE -- 4.12 GRAPHIC ARTS - ROTOGRAVURE						

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(89)ADVANCED PRINTING TECHNOLOGY	PA	05/25/88	PENNSYLVANIA DER	ROGER FITTERLING	(215)-270-1920	PA-0050
(87)ALCO GRAVURE	IL	03/01/85	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0031
BROWN PRINTING	KY	07/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0015
CONTAINER CORP. OF AM	IN	10/31/80	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0018
(87)DINAGRAPHICS	OH	12/24/86	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0090
(88)DOPACO, INC.	CA	11/10/87	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0254
(87)GRAVURE PACKAGING, INC.	VA	09/30/85	VIRGINIA APCB	WILLIAM PITTS	(804)-786-4867	VA-0039
(88)INTERNATIONAL LABEL	TN	02/09/87	TENNESSEE NSR	BILL CLELAND	(615)-741-3651	TN-0004A
(87)J.W. FERGUSSON & SONS, INC.	VA	02/18/87	VIRGINIA APCB	CHARLIE HOLMES	(804)-786-4867	VA-0060
(89)J.W. FERGUSSON & SONS, INC.	VA	06/30/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0060A
(88)MAXWELL GRAPHICS RICHMOND, INC.	VA	02/17/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0117
(88)MEREDITH BURDA	VA	02/19/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0069A
(88)MEREDITH/BURDA	VA	04/06/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0069
MEREDITH/BURDA CORP.	NC	01/07/85	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0010A
(87)MULTI-COLOR CORP.	OH	02/11/87	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0089
(88)QUAD/GRAPHICS, INC.	WI	07/22/87	WISCONSIN DNR	RAJ VAKHARIA	(608)-267-2015	WI-0040
(89)QUAD/GRAPHICS, INC.	WI	11/29/88	WISCONSIN DNR	RAJ VAKHARIA	(608)-267-2015	WI-0042
R. J. R. ARCHER,INC.	NC		FORSYTH COUNTY EAD	KEITH TART	(919)-727-8060	NC-0026
(89)R.J. REYNOLDS TOBACCO CO.	NC	03/01/89	FORSYTH COUNTY EAD	MARY SCHWENN	(919)-727-8060	NC-0047
R.R. DONNELLEY & SONS CO.	IL	03/18/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IL-0002
(89)REXHAM CORP.	IN	09/22/88	INDIANA DEM	TIM JONES	(317)-232-8443	IN-0028
(87)SCIENTIFIC GAMES	CA	04/05/85	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0168
(86)THE SPECIALTY PAPERS CO.	OH		DAYTON RAPCA	DONNA GORBY-LEE	(513)-225-4435	OH-0016A
(87)VIRGINIA GRAVURE, INC.	VA	03/20/86	VIRGINIA APCB	TOM CREASY	(804)-786-4867	VA-0037
(87)WILLIAMSBURG PACKAGING	VA	10/04/85	VIRGINIA APCB	JIM LEHAN	(804)-786-4867	VA-0038
SOURCE TYPE -- 4.13 GRAPHIC ARTS - FLEXOGRAPHY						
BEMIS CO.	WI	11/13/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0002
(89)BEMIS CO., INC.	IN	11/25/87	INDIANA DEM	TERRENCE HOVA	(317)-232-8449	IN-0031
(88)BEMIS SPECIALITY FILMS	WI	06/12/87	WISCONSIN DNR	RAJ VAKHARIA	(608)-267-2015	WI-0004A
BEMIS SPECIALTY FILMS	WI	12/21/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0004

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)BEMIS SPECIALTY FILMS	WI	04/20/88	WISCONSIN DNR	RAJ VAKHARIA	(608)-267-2015	WI-0004B
(88)CADILLAC PRODUCTS	MI	04/13/88	MICHIGAN DNR, AQD	KAREN CARLSON	(517)-373-7023	MI-0069
(88)CELLO BAG CO.	WA	06/01/87	PUGET SOUND APCA	JAMES NOLAN	(206)-344-7355	WA-0018
(88)JAITE PACKAGING, INC.	OH		AKRON REGIONAL AQMD	L. MALCOLM	(216)-375-2480	OH-0142
(87)MANVILLE FOREST PRODUCTS CORP.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0117A
(88)PRINCETON PACKAGING INC.	WA	10/10/[illegible]	PUGET SOUND APCA	JAMES NOLAN	(206)-344-7355	WA-0015
SEIPLE LITHOGRAPH CO.	OH		CANTON APCD	ANDY PASKO	(216)-489-3385	OH-0073
SOUTHWEST COLOR PRINTING CORP.	TX	09/22/82	TEXAS ACB	ART KELLOGG	(713)-634-3357	TX-0131
(87)STANDARD PUBLISHING	OH	06/04/86	SOUTHWEST OHIO APCA	JIM SADELFELD	(513)-251-8777	OH-0091
TEXAS COLOR, INC.	TX	03/01/84	TEXAS ACB	A. J. KELLOGG	(512)-451-5711	TX-0148
(87)THE PRESS OF OHIO, INC.	OH	04/09/86	AKRON REGIONAL AQMD	L. MALCOLM	(216)-375-2480	OH-0084
(87)THE SPECIALTY PAPERS CO.	OH	12/01/86	OHIO REGIONAL APCA	D. GORBY-LEE	(513)-225-4435	OH-0016B
UNION INDUSTRIES, INC.	RI	04/10/85	RHODE ISLAND DEM	DOUG MCVAY	(401)-277-2808	RI-0002
SOURCE TYPE -- 4.14 GRAPHIC ARTS - OFFSET(LITHOGRAPHY)						
(88)OUTDOOR EMPIRE PUBLISHING	WA	12/01/86	PUGET SOUND APCA	JAMES NOLAN	(206)-344-7355	WA-0017
(87)UNITED COLOR PRESS	OH	09/03/86	SOUTHWEST OHIO APCA	DEBORAH ASHWORTH	(513)-251-8777	OH-0061A
SOURCE TYPE -- 4.15 GRAPHIC ARTS - OTHER						
(89)ARROW INDUSTRIES, INC.	TX	03/28/88	TEXAS ACB	JAMES CUNNINGHAM	(512)-451-5711	TX-0206
(88)AVERY LABEL	OH		SOUTHWEST OHIO APCA	JAMES WARREN	(513)-251-8777	OH-0141
BEMIS CARPHANE FILMS	WI	08/25/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0003
COLUMBUS COATED FABRICS	OH	04/29/81	OHIO EPA CD	VICTOR FISHER	(614)-864-3195	OH-0033
CPS INDUSTRIES	TN		TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0005
(88)CURWOOD, INC.	WI	06/12/87	WISCONSIN DNR	RAJ VAKHARIA	(608)-267-2015	WI-0039
DIVERSIFIED PRINTING	TN	03/10/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0002
(89)GRANDVILLE PRINTING CO.	MI		MICHIGAN DNR, AQD	LINDA HARDELL	(517)-373-7023	MI-0083
MEREDITH CORP.	IA	04/15/82	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	IA-0009
(89)MICHIGAN LITHO	MI	09/13/88	MICHIGAN DNR, AQD	LINDA HARDELL	(517)-373-7084	MI-0094
(89)ORGANIC CHEMICALS, INC.	MI	02/27/89	MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7080	MI-0110

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(87)R.R. DONNELLEY & SONS CO.	NV	06/21/85	EPA REGION IX	BOB BAKER	(415)-974-8923	NV-0011
(88)STONE CONTAINER CORP.	OH	06/04/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0098
(89)THE MORRILL PRESS	NY	10/07/88	NEW YORK STATE DEC	JAMES HARRINGTON	(518)-457-2044	NY-0028
UNITED COLOR PRESS	OH	09/17/83	SOUTHWEST OHIO APCA	RAY SILBERNAGEL	(513)-251-8777	OH-0061
W.F. HALL PRINTING CO.	GA	10/04/82	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	GA-0013
WORLD COLOR PRESS	IL	01/13/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0017
SOURCE TYPE -- 4.16 DRY CLEANING						
(88)A-ONE CLEANERS, INC.	VA	02/29/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0108
(88)DEL REA CLEANERS	OH	01/21/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0120
(88)MAJOR INDUSTRIAL TEXTILE SERVICE	OH		TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0132
(88)MAJOR INDUSTRIAL TEXTILE SERVICE	OH		TOLEDO ENVIRONMENT*	MILLIAM GARBER	(419)-693-0350	OH-0132A
(89)ONE HOUR MARTINIZING	OH	11/02/88	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0162
(88)PRUDENTIAL OVERALL SUPPLY	CA	09/16/87	SOUTH COAST AQMD	MOHAN BALAGOPALAN	(714)-877-3571	CA-0244
(89)QUALITY CLEANERS	OH	08/31/88	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0161
(89)RUSSELL'S FORMAL WEAR	OH	05/04/88	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0158
(88)STRATER CLEANERS	OH	11/13/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0114
(88)STRATER CLEANERS	OH	11/13/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0114A
(88)SUPERIOR OVERALL LAUNDRY CO.	OH	07/22/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0128
(86)TOWN & COUNTRY CLEANERS	OH	07/10/85	SOUTHWEST OHIO APCA	IRENE YUST	(513)-251-8777	OH-0075
SOURCE TYPE -- 4.17 SURFACE COATING OF WOOD FURNITURE						
BROYHILL FURNITURE	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0014
(88)DAYSTROM FURNITURE	VA	10/28/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-4867	VA-0094
(88)HAMILTON FIXTURES	OH	02/13/88	SOUTHWESTERN OHIO *	LAWRENCE HARRELL	(513)-251-8777	OH-0146
(87)HENRY LINK CORP.	NC	04/29/87	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0040
(88)IMPACT FURNITURE CO.	NC	10/12/87	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0043
(89)PETERS REVINGTON FURNITURE	IN	07/14/88	INDIANA DEM	D. ZELL	(317)-232-8456	IN-0032
(87)STOW & DAVIS FURNITURE CO.	MI	09/16/86	MICHIGAN DNR	DAVE FERRIER	(517)-373-7023	MI-0043
(89)THOMASVILLE FURNITURE INDUSTRIES	NC	10/14/88	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0045

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)THOMASVILLE FURNITURE INDUSTRIES, INC.	NC	08/11/87	NORTH CAROLINA DEM	MIKE SEMELL	(919)-733-3340	NC-0042
SOURCE TYPE -- 4.19 SURFACE COATING OF PLASTIC PARTS						
(88)BRYON CUSTOM PLASTICS	TN		TENNESSEE APCD	MERVAT AHMED	(615)-741-3931	TN-0021
(89)DETROIT PLASTIC MOLDING CO.	MI		MICHIGAN DNR, AQD	CHRIS STOCK	(517)-373-7077	MI-0118
(89)EVART PRODUCTS CO.	MI	03/21/89	MICHIGAN DNR	GREGORY EDWARDS	(517)-373-7081	MI-0113
(88)FORD MOTOR CO.	MI	04/04/88	MICHIGAN DNR, AQD	KAREN CARLSON	(517)-373-7023	MI-0070
(89)LACKS INDUSTRIES	MI	06/20/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0079
(89)MARK I MOLDED PLASTICS	MI	09/23/88	MICHIGAN DNR	GREGORY EDWARDS	(517)-373-7023	MI-0096
(89)PINE RIVER PLASTICS, INC.	MI	08/31/88	MICHIGAN DNR, AQD	DAVID YANOCHKO	(517)-373-7023	MI-0093
(89)UNITED TECHNOLOGIES AUTOMOTIVE	MI	02/06/89	MICHIGAN DNR, AQD	DAVID YANOCHKO	(517)-373-7023	MI-0108
(89)VIMCO	MI	10/15/88	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0098
SOURCE TYPE -- 4.21 OTHER ORGANIC EVAPORATION LOSS						
(89)ALBAR INDUSTRIES, INC.	MI	04/18/89	MICHIGAN DNR	GREGORY EDWARDS	(517)-373-7081	MI-0120
(88)AMERICAN FIBRIT, INC.	MI	10/08/87	MICHIGAN DNR	DHRUMAN SHAH	(517)-373-7023	MI-0056
(88)ARCO SOLAR, INC.	CA	03/25/88	VENTURA APCD	KEITH DUVAL	(805)-654-2845	CA-0258
(88)ASHLAND CHEMICAL CO.	MI	05/13/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0075
(89)BELL HELICOPTER TEXTRON INC.	TX	01/27/88	TEXAS ACB	JAMES CUNNINGHAM	(512)-451-5711	TX-0205
(88)BOEING ELECTRONIC CO.	TX	01/19/87	TEXAS ACB	JAMES CUNNINGHAM	(512)-451-5711	TX-0200
(87)C & F STAMPING CO.,INC.	KY	01/29/86	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0047
(89)C & F STAMPING CO, INC.	MI	04/19/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0086
(89)CADILLAC MOTOR CAR DIV. - G.M.C.	MI	12/21/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0099
CAPITOL MAGNETIC PRODUCTS DIV., CAPITOL*	VA	11/27/84	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0025
(88)CHAMPION SPARK PLUG	OH	03/18/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0119
(86)CHEMDYNE SITE	OH	06/12/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0076
(88)CHRYSLER MOTOR CORP.	MI	04/30/88	MICHIGAN DNR, AQD	DAVID YANOCHKO	(517)-373-7023	MI-0065
(89)DOVER PRODUCTS CO.	TN	06/28/88	TENNESSEE APCD	CURTIS MAPP	(615)-741-3651	TN-0025
(89)EAGLE OTTAWA LEATHER CO.	MI	08/10/88	MICHIGAN DNR, AQD	LINDA HARDELL	(517)-373-7023	MI-0089
FLUORESCENT EQUIPMENT & MFG CO.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0058

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)G.J. INDUSTRIES	CA	05/13/87	SOUTH COAST AQMD	JEFF ZABNER	(818)-898-1023	CA-0233
GUARDIAN INDUSTRIES CORP.	TX	06/08/83	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0114
(88)INTERTAPE SYSTEMS, INC.	VA	04/22/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0068
(88)JAMES RIVER CORP.	MI	01/21/88	MICHIGAN DNR, AQD	LINDA HARDELL	(517)-373-7023	MI-0052
(89)K.B. LIGHTING, INC.	MI	07/28/88	MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7080	MI-0084
(88)KIMSTOCK	TN	07/11/86	TENNESSEE APCD	BILL CLELAND	(615)-741-3651	TN-0020
(88)KLOCKNER - PENTAPLAST OF AM	VA	05/27/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0079
(89)LIBBY-OWENS-FORD	MI	10/01/88	MICHIGAN DNR, AQD	LYNN FIEDLER	(517)-373-7023	MI-0103
(89)MARBELITE CORP.	MI		MICHIGAN DNR, AQD	PAUL SCHLEUSENER	(517)-373-7089	MI-0111
MR. SPA, INC.	CA	03/08/83	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2664	CA-0060
PHILLIPS INDUSTRIES, INC.	TX	02/16/85	TEXAS ACB	JIM CUNNINGHAM	(512)-451-5711	TX-0169
PPG INDUSTRIES, INC.	OH	01/06/84	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0059
ROCKWELL INTERNATIONAL	OK	07/08/86	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0012
(88)SAFETY-KLEEN	OH	10/01/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0106
(89)SEPA, INC.	PA	01/05/89	PENNSYLVANIA BAQC	RONALD DAVIS	(717)-657-4587	PA-0054
SOLVENT RESOURCE RECOVERY	OH	07/07/82	RAPCA - DAYTON,OH	DONNA GORBY-LEE	(513)-225-4435	OH-0044
(88)SUNDANCE SPAS	CA	04/20/87	SOUTH COAST AQMD	TRAN VO	(818)-572-6126	CA-0232
(88)TENNESSEE ELECTROPLATING CO.	TN	04/15/88	TENNESSEE APC	CURTIS MAPP	(615)-741-3651	TN-0024
(89)TENNESSEE ELECTROPLATING CO.	TN		TENNESSEE APCD	CURTIS MAPP	(615)-741-3651	TN-0024A
(88)THE LACKAWANNA LEATHER CO.	NC	07/27/87	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-3340	NC-0041
(88)THERMA-TRU CORP.	OH	08/20/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0108
(88)THOMPSON BOAT CO.	MI	07/18/88	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0058
(88)THOMPSON BOAT CO.	MI	04/27/88	MICHIGAN DNR, AQD	DAVID YANOCHKO	(517)-373-7023	MI-0058A
(88)THOMPSON BOAT CO.	MI	04/15/88	MICHIGAN DNR, AQD	DAVID YANOCHKO	(517)-373-7023	MI-0058B
(88)THOMPSON BOAT CO.	MI	05/02/88	MICHIGAN DNR, AQD	DAVID YANOCHKO	(517)-373-7023	MI-0058C
(89)THOMPSON BOAT CO.	MI	10/15/88	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0058D
(88)TOLEDO AREA SANITARY DISTRICT	OH	06/03/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0135
(88)TRANSOHIO TERMINAL CORP.	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0101A
U.S. AVIEX CO.	MI	10/14/83	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	MI-0034
(89)VENCO INDUSTRIES	MI	10/18/88	MICHIGAN DNR	GREGORY EDWARDS	(517)-373-7023	MI-0097
(87)WICKLAND	CA	06/01/86	BAY AREA AQMD	STEVE HILL	(415)-771-6000	CA-0173
(89)WOLVERINE GASKET & MFG CO.	VA	01/24/89	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0148
(88)WOLVERINE WORLDWIDE, INC.	MI	12/11/87	MICHIGAN DNR, AQD	LINDA HARDELL	(517)-373-7023	MI-0072

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SOURCE TYPE -- 5.1 PETROLEUM REFINING - SEPARATION						
ARCO PETROLEUM PROD. CO.	CA	04/06/79	EPA REGION IX	RICK SUGAREK	(415)-974-8058	CA-0017
DOW CHEMICAL CO.	TX	12/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0019
GULF STATES OIL & REFINING CO.	TX	12/04/80	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0087
(89)MIDSUN PARTNERS, L. P.	CA	01/20/89	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0275
(89)SUN EXPLORATION & PRODUCTION CO.	TX	05/04/88	TEXAS ACB	SAM CROWTHERS	(512)-451-5711	TX-0211
SOURCE TYPE -- 5.2 PETROLEUM REFINING - CONVERSION						
ASHLAND OIL, INC.	KY	09/21/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0026
CHAMPLIN PETROLEUM CO.	CA	03/24/80	EPA REGION IX	LARRY BOHERMAN	(415)-974-8213	CA-0016
CHAMPLIN PETROLEUM CO.	TX	11/13/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0018
CHEVRON	CA	10/06/81	BAY AREA AQMD	JOHN SHANSON	(415)-771-6000	CA-0045B
EXXON CO., USA/BAYWAY REFIN.	NJ	10/27/80	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0001
KOCH REFINING CO.	TX	12/18/84	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0157
(89)SOUTHWESTERN REFINING CO., INC.	TX		TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0213
TEXAS OLEFINS CO.	TX	11/23/83	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0140
UNITED REFINING CO.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0016
SOURCE TYPE -- 5.3 PETROLEUM REFINING - TREATING						
COLLET VENTURES, INC.	AL	01/12/84	ALABAMA DEM	GEORGE SULLIVAN	(205)-271-7861	AL-0024
ENDEVCO, INC.	AR	12/03/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	AR-0003
(87)HAWAIIAN INDEPENDENT REFINERY, INC.	HI	05/09/84	EPA REGION IX	BOB BAKER	(415)-974-8923	HI-0001A
(89)MARATHON PETROLEUM CO.	LA	03/16/89	LOUISIANA DEQ	ADDISON TATUM	(504)-342-0107	LA-0058
OIL INTERNATIONAL LTD	MT	03/10/83	STATE OF MONTANA	HARRY KELTZ	(406)-449-3454	MT-0003
PACIFIC REFINING CORP.	CA	09/28/83	BAY AREA AQMD	LEONARD CLAYTON	(415)-771-6000	CA-0056
(88)SUN REFINING & MARKETING CO.	OH	12/10/86	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0116
(88)SUN REFINING & MARKETING CO.	OH	08/12/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0125C
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	CA-0046

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SOURCE TYPE -- 5.4 PETROLEUM REFINING - FEEDSTOCK						
AMOCO OIL CO.	IN	02/27/81	INDIANA APCD	KEN KEARNEY	(317)-633-0647	IN-0010
ARCO PIPELINE CO.	PA	01/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0010
(88)SUN REFINING & MARKETING CO.	OH	04/15/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0125A
(88)SUN REFINING & MARKETING CO.	OH		TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0116C
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0026
SOURCE TYPE -- 5.5 PETROLEUM REFINING - AUXILIARY						
ALLIED MATERIALS CORP.	OK	09/30/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0007
AMERICAN PETROFINA CO. OF TEXAS	TX	01/21/83	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0127
AMOCO	TX	12/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0020
AMOCO TEXAS REFINING CO.	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0067
ARCO ALASKA, INC.	AK	01/11/85	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0010
CALCASIEU REFIN.	LA	07/22/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0019
CAROLINA REFINING & DIST	GA	09/10/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0001
CHAMPLIN PETROLEUM CO.	TX	04/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0063
CHEVRON USA REF.	MS	12/10/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0007
CHEVRON USA, INC.	CA	04/08/82	BAY AREA AQMD	JOHN SHANSON	(415)-771-6000	CA-0045
(87)CHEVRON USA, INC.	CA	02/06/86	SANTA BARBARA COUN*	BILL MASTER	(805)-964-8111	CA-0174
(89)CITGO PETROLEUM CORP.	LA	07/18/88	LOUISIANA DEQ	ADDISON TATUM	(504)-342-0107	LA-0059
CITIES SERVICE CO.	LA	01/18/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0038
CLARK OIL CO., WOOD RIVER REFIN.	IL	09/25/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0003
CLARK OIL, MT. AIRY REFINERY	LA	12/22/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0045
COASTAL STATES PETROLEUM	TX	10/14/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0066
CONOCO, INC.	LA	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0008
CONOCO, INC.	LA	08/10/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0010
CRA,INC.	KS	09/04/80	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	KS-0003
CYPRESS REFINING CO., HILL PETROLEUM CO.	LA	01/03/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0027A
DIAMOND SHAMROCK CORP.	TX	09/04/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0034

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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EXXON CHEMICAL AMERICAS	TX	07/30/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0046
EXXON CO., USA	CA	12/10/80	BAY AREA AQMD	LEONARD CLAYTON	(415)-771-6000	CA-0057
FRIENDSWOOD REFIN.	TX	06/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0022
GETTY OIL CO.	CA	08/24/82	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0030
GOOD HOPE REFIN., INC.	LA	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0032
GULF OIL CO.	TX	10/13/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0049
GULF OIL CO.	TX	10/21/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0062
HAHAIIAN INDEPEN. REFIN.	HI	08/18/81	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	HI-0001
HIGH PRAIRIE ENERGY CO.	MT	09/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	MT-0001
HILL PETROLEUM	LA	03/10/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0027
HYDROCARBON RECYCLERS, INC.	OK	05/14/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0014
INDEPENDENT REFIN.	TX	09/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0021
KOCH REFINING CO.	MN	08/18/81	MINNESOTA PCA	AHTO NIEMIOJA	(612)-296-7718	MN-0008
KOCH REFINING CO.	MN	01/25/83	MINNESOTA PCA	AHTO NIEMIOJA	(612)-296-7718	MN-0008A
LONGVIEW REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0029
MAPCO PETROLEUM	AK	02/19/85	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0011
(88)MAPCO PETROLEUM NORTH POLE REFINERY	AK	02/18/87	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0011A
MARATHON OIL CO.	IL	09/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0007
MARATHON OIL CO.	TX	03/03/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0065
NATIONAL COOP. REFIN. ASSOC.	KS	07/17/81	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	KS-0008
NEDERLAND PROCESSING CO.	TX	10/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0060
(88)OIL PROCESS CO.	CA	11/08/86	SOUTH COAST AQMD	M. BOTROS	(818)-572-6216	CA-0198
PETRACO VALLEY OIL & REFINING CO.	TX	10/15/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0073
PHILLIPS PETROLEUM CO.	TX	10/15/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0052
PROCESS REFINERY CO.	CA	09/19/79	EPA REGION IX	MATT HABER	(415)-974-8058	CA-0013
PROVIDENT ENERGY CO.	AZ	03/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0001
SABER REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0041
(87)SHELL CALIFORNIA PRODUCTION INC.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0112B
(87)SHELL CALIFORNIA PRODUCTION, INC.	CA	08/22/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0161
(87)SHELL CALIFORNIA PRODUCTION, INC.	CA	08/08/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0112C
(87)SHELL CALIFORNIA PRODUCTION, INC.	CA	12/24/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0161B
(87)SHELL CALIFORNIA PRODUCTION, INC.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0161A
SIGMORE REFIN. CO.	TX	12/10/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0039
SOHIO ALASKA PETROLEUM CORP.	AK	10/25/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0009

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SOUTHERN UNION REFIN.	NM	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	NM-0004
STANDARD OIL	OH	03/08/82	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0038
(88)STANDARD OIL CO.	OH	03/11/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0123
(88)SUN REFINING & MARKETING CO.	OH		TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0116B
SUNOCO	PA	03/20/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0001
TENNECO	LA	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0022
TESORO ALASKA PETROLEUM CO.	AK	06/15/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0007
TEXACO, INC.	LA	11/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0007
TEXACO, INC.	LA	04/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0024
TEXACO, INC.	TX	06/20/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0064
TOSCO CORP.	CA	06/18/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0007
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	CA-0046A
U.S. OIL & REFINING CO.	WA	02/06/85	PUGET SOUND APCA	HARRY HATTERS	(206)-344-7334	WA-0009A
UNI OIL	TX	03/12/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0061
UNION OIL	IL	06/09/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0028
(86)UNION OIL CO.	CA	03/03/86	EPA REGION IX	ROBERT BAKER	(415)-974-8923	CA-0133
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0029
SOURCE TYPE -- 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
(87)BEACON OIL	CA	11/26/84	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0140
(86)BERRY HOLDING CO.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0113
CHEVRON USA LUBE OIL	CA	04/08/82	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0045A
GARY WESTERN REFIN.	CO	06/24/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0008
HAMPTON ROADS ENERGY CO.	VA	01/25/80	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0005
HESS OIL - VIRGIN ISLANDS	VI	02/09/82	EPA REGION II	ED NOWAK	(212)-264-8690	VI-0002
HILL PETROLEUM CO.	LA	10/09/80	EPA REGION VI	JOE WINKLER	(214)-767-2600	LA-0031
MIAMI VALLEY REFIN. CO.	IN	01/07/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0009
MITCHELL ENERGY	TX	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0050
PLACID REFINING CO.	LA	01/17/85	LAQD/EPA REGION VI	INEZ FRICK	(504)-342-8940	LA-0051
SOUND REFINING, INC.	WA	10/17/83	PUGET SOUND APCA	HARRY HATTERS	(206)-344-7334	WA-0010
SOUND REFINING, INC.	WA	10/17/83	PUGET SOUND APCA	HARRY HATTERS	(206)-344-7334	WA-0010A
(86)SUN OIL CO.	CA	10/15/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0114

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SUNLAND REFIN. CORP.	CA	09/22/80	EPA REGION IX	DAVID SOLOMON	(415)-454-8066	CA-0003
SHANN OIL CO.	VA	03/30/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0002
TENNECO OIL CO.	LA	11/21/84	LAQD/EPA REGION VI	ATLY BRASHER	(504)-342-8940	LA-0022A
VIRGIN ISLANDS REFINERY CORP.	VI	09/04/81	EPA REGION II	ED NOHAK	(212)-264-8690	VI-0001
SOURCE TYPE -- 5.7 BULK TERMINALS						
AMOCO OIL CO., GRANVILLE	WI	06/23/80	WISCONSIN DNR	ELIZABETH SPAETH	(414)-257-4929	WI-0005
ASHLAND PETROLEUM CO.	KY	04/01/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0019
BAYTANK INC., HOUSTON	TX	02/12/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0108
(88)UNION OIL CO. OF CALIFORNIA	CA	01/07/87	SOUTH COAST AQMD	S. ANDRANIS	(818)-572-6251	CA-0220
SOURCE TYPE -- 5.8 BULK PLANTS						
TIME OIL CO.	CA	12/23/80	BAY AREA AQMD	KELLY MEE	(415)-771-6000	CA-0051
SOURCE TYPE -- 5.9 STORAGE OF PETROLEUM LIQUIDS						
(86)ELK HILLS NAVAL PETROLEUM RESERVE #1	CA	04/26/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0156
(88)JEEP CORP.	OH	02/25/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0100B
(88)JENNISON-WRIGHT CORP.	OH	04/10/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0129
KERN OIL & REFINING CO.	CA	06/18/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0081
MCKESSON CHEMICAL CO.	OK	10/01/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0011
QUEEN CITY TERMINALS	OH	05/19/82	SOUTHWEST OHIO APCA	HARRY SCHWIETERING	(513)-251-8777	OH-0066
(86)SUN EXPLORATION & PRODUCTION	CA	05/08/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0157
(88)SUN REFINING & MARKETING	OH	08/12/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0125B
(88)SUN REFINING & MARKETING CO.	OH	02/25/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0125
(88)SUN REFINING & MARKETING CO.	OH		TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0116A
SOURCE TYPE -- 5.11 TRANSPORT & MARKETING - PETROLEUM PRODUCTS						

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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COLUMBIA GAS TRANSMISSION CORP.	OH	04/13/81	OHIO EPA CO	GEORGE DEMIS	(614)-864-3195	OH-0024
CRYSEN REFINING, WESTERN DIV.	UT	11/12/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0027
DEPT OF THE NAVY	TX	09/15/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0099
NORTHERN ALASKAN PIPELINE	AK	02/23/81	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0002
NORTHERN TIER	AK	09/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0001
(88)SOHIO OIL CO.	OH	06/03/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0133
SOURCE TYPE -- 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
AMERADA HESS	TX	05/14/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0017
AMOCO PRODUCTION CO.	ND	01/12/83	NORTH DAKOTA SHD	GARY HELBLING	(701)-224-2348	ND-0003
AMOCO PRODUCTION CO.	WY	12/20/79	WYOMING AQD	BERNIE DAILEY	(307)-777-7391	WY-0008
(88)AMOCO PRODUCTION CO.	TX	09/11/86	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0196
ATH COMPANY	MI	04/28/83	MICHIGAN DNR	LAURA OTHELL	(517)-322-1333	MI-0032
BASS ENTERPRISES PRODUCTION CO.	TX	08/24/84	TEXAS ACB	I.L. BILSKY	(512)-451-5711	TX-0154
CHAMPLIN PETROLEUM CO.	TX	01/11/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0069
(88)CHAMPLIN PETROLEUM CO.	TX	03/20/86	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0185
CHAMPLIN PETROLEUM CO.	WY	11/08/83	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0005
CHEVRON USA, INC.	WY	05/28/80	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0009
CIG	WY	08/25/76	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0011
(88)CITATION OIL & GAS CORP.	NM	02/04/88	NEW MEXICO AQB	BRUCE NICHOLSON	(505)-827-0070	NM-0016
CRYSTAL EXPLORATION CO.	MI	11/30/82	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0029
CRYSTAL OIL CO.	LA	10/19/83	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0046
DELHI GAS PIPELINE CORP.	TX	04/29/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0096
(88)EAST DAGGER DRAW JOINT VENTURE	NM	10/13/87	NEW MEXICO AQB	BRUCE NICHOLSON	(505)-827-0070	NM-0015
ENDERCO	AR	02/23/83	ARKANSAS DEP	CECIL HARRELL	(501)-562-7444	AR-0011
ETEXAS PRODUCERS GAS CO.	TX	10/05/82	TEXAS ACB	JENNIFER SEINFELD	(512)-451-5711	TX-0123
(89)EXXON CO., USA	AL	03/08/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0026
(89)EXXON CO., USA	AL	03/08/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0026A
(89)EXXON CO., USA	AL	03/08/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0026B
(89)EXXON CO., USA	AL	03/08/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0026C
(89)EXXON CO., USA	AL	03/08/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0026D

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(89)EXXON CO., USA	AL	03/08/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0026E
(89)EXXON CO., USA	AL	03/08/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0026F
(89)EXXON CO., USA	AL	03/08/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0026G
EXXON CO., USA	TX	02/09/82	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0031
EXXON CO., USA	WY	05/22/84	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0014
(89)EXXON SAN JOAQUIN PRODUCTION CO.	CA	04/25/88	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0287
(89)GETTY OIL CO.	AL	01/28/86	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0027
LIQUID ENERGY CORP.	NM	12/10/81	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0008
LIQUID ENERGY CORP.	TX	02/11/85	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0128A
MAPCO PRODUCTION CO.	NM	01/14/83	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0007
MARATHON OIL CO.	WY	01/20/83	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0002
(89)MARATHON OIL CO.	NM	07/19/88	NEW MEXICO AQB	BRUCE NICHOLSON	(505)-827-0070	NM-0017
(88)MITCHELL ENERGY CORP.	TX	06/03/86	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0191
(88)MOBIL PRODUCING TEXAS & NEW MEXICO, INC.	TX	07/16/86	TEXAS ACB	AMBER MANN	(512)-451-5711	TX-0195
(89)MOBILE OIL EXPLORATION	AL	03/11/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0010A
(89)MOBILE OIL EXPLORATION	AL	03/11/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0010B
MOUNTAIN FUEL SUPPLY	WY	08/01/78	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0010
PACIFIC ALASKA LNG ASSOCIATES	AK	01/30/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0006
PHILADELPHIA GAS WORKS	PA	05/15/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0002
PHILLIPS PETROLEUM CO.	ND	10/25/82	NORTH DAKOTA SHD	GARY HELBING	(701)-224-2348	ND-0002
PHILLIPS PETROLEUM CO.	NM	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	NM-0003
PHILLIPS PETROLEUM CO.	TX	01/30/80	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0045
PIONEER GAS PRODUCTS CO.	TX	09/11/84	TEXAS ACB	E. KASPRZYK	(512)-451-5711	TX-0155
PLACID OIL CO.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056
PLACID OIL CO.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056A
PLACID OIL CO.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056B
PROCESS EQUIPMENT CORP.	MI	03/23/82	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0027
(88)PURSUE GAS PROCESSING & PETROCHEMICAL C*	MS	12/01/78	MISSOURI DNR-BPC	JAY BARKLEY	(601)-961-5171	MS-0010
REPUBLIC REFINING CO.	MS	08/03/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0004
SHELL OIL CO.	MI	04/19/83	MICHIGAN DNR	LAURA STEINBERGER	(517)-322-1333	MI-0031
(88)SHELL OIL CO.	MS	01/19/84	MISSOURI DNR-BPC	DON WATTS	(601)-961-5171	MS-0012
SID RICHARDSON CARBON & GASOLINE CO.	TX	01/14/81	TEXAS ACB	LES MONTGOMERY	(512)-451-5711	TX-0094
(88)SOUTHERN NATURAL GAS	MS	03/21/83	MISSOURI DNR-BPC	DAN MCLEOD	(601)-961-5171	MS-0011
(88)TEXACO, INC.	TX	06/09/84	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0192

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)TRISTAR ENERGY, INC.	TX	10/17/86	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0199
UNION TEXAS PETROLEUM CORP.	TX	01/25/85	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0163
WARREN PETROLEUM CO.	NM	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	NM-0005
WARREN PETROLEUM CO.	ND	01/12/83	NORTH DAKOTA SHD	TERRY O'CLAIR	(701)-224-2348	ND-0001
WARREN RED. CO.	CA	04/10/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0068A
	CA	10/19/83	KERN COUNTY APCD	IVAN NEO	(805)-861-3682	CA-0068
SOURCE TYPE -- 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING						
(88)CARDINAL STONE	VA	03/16/88	VIRGINIA SAPCB	TOM CREASY	(804)-786-0178	VA-0111
KERNRIDGE OIL CO.	CA	04/14/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0009
(89)MEGA CONSTRUCTORS, INC.	VA	06/15/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0130
R.A. CHILDS	UT	10/08/82	UTAH BAQ	DON ROBINSON	(801)-533-6108	UT-0030
US OIL & REFINING CO.	WA	08/15/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0009
SOURCE TYPE -- 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
AMINOIL USA, INC.	CA	08/04/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0035
(88)ARCO ALASKA KING SALMON PLATFORM	AK	09/13/85	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0016
(88)ARCO ALASKA KUPARUK CENTRAL PROD. FAC. *	AK	11/03/86	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0013
(88)ARCO ALASKA LISBURNE DEVELOPMENT PROJECT	AK	10/08/86	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0014
BEREY HOLDING CO.	CA	02/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0008
CHEVRON USA, INC.	CA	07/16/82	EPA REGION IX	BOB BAKER	(415)-974-8215	CA-0037
(88)CONOCO MILNE POINT	AK	04/26/85	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0017
(87)ELK HILL NAVAL PETROLEUM	CA	04/26/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0156A
EXXON CO	MS	03/04/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0001
GEOKINETICS INC., OIL SHALE	UT	11/13/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0007
GETTY OIL CO.	CA	05/09/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0080
(88)MARATHON OIL CO., STEELHEAD PLATFORM	AK	05/06/86	ALASKA DEC	JON SANDSTEDT	(907)-465-2666	AK-0015
MOBIL OIL CORP.	CA	09/01/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0100
MOBIL OIL CORP.	CA	09/01/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0108
MOBIL OIL EXPLORATION	AL	10/16/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0010

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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OXY-LOGAN WASH MODIF.1980	CO	06/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0009
PARAHO DEVELOPMENT CORP.	UT	11/16/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0024
(89)PRESTON NORTHERN, INC.	MI	01/17/89	MICHIGAN DNR, AQD	GEOFFREY RICHARDSON	(517)-373-7023	MI-0106
RIO BLANCO OIL SHALE-#1	CO	12/20/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0013
TEXAS TAR SANDS, LTD	TX	06/24/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0085
TOSCO OIL SHALE-1981	UT	12/09/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0020
UNION OIL SHALE #1	CO	05/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0014
WHITE RIVER SHALE OIL CORP.	UT	08/04/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	UT-0025
SOURCE TYPE -- 5.15 OIL AND GAS FIELD SERVICE						
DRLGMUD CO.	TX	12/22/81	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0116
NORTH BELRIDGE DEHY FACILITY	CA	05/25/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0078
SHELL CALIFORNIA PRODUCTION, INC.	CA	10/05/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0078A
SIGMOR PIPELINE CO.	TX	04/27/78	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0088
SOUTHWESTERN BARGE FLEET SERVICE, INC.	TX	01/10/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0164
UNITED GAS PIPE LINE CO.	TX	05/07/80	TEXAS ACB	JIM CARAWAY	(512)-451-5711	TX-0084
SOURCE TYPE -- 5.16 PETROLEUM INDUSTRY -- OTHER						
(88)AMOCO PRODUCTION CO.	TX	06/03/86	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0190
BEAR CREEK STORAGE	LA	09/22/79	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0023
CHEVRON USA, INC.	CA	11/21/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0087
CHEVRON USA, INC.	UT	07/08/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0028
COLORADO INTERSTATE GAS	OK	02/26/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	OK-0006
(86)E.I. DUPONT DE NEMOURS & CO., INC.	TX	03/20/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0170
(86)GETTY SYNTHETIC FUELS, INC.	OH		SOUTHWEST OHIO APCA	DEBORAH ASHWORTH	(513)-251-8777	OH-0077
HOUSTON PIPE LINE CO.	TX	04/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0076
(88)JENNISON-WRIGHT CORP.	OH	04/10/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0129A
NECHES BUTANE PRODUCTS CO.	TX	01/14/85	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0165
OASIS PIPELINE CO.	TX	10/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0038
ODESSA NATURAL CORP.	TX	03/02/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0028

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TABLE 1. INDEX (CONTINUED).

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PANHANDLE EAST. PIPE LINE CO.	OK	05/29/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0008
PANHANDLE EAST. PIPE LINE CO.	OK	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0009
PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0042
PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0044
PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0043
PETRO-LEWIS CORP.	CA	02/23/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0058
(86)PETRO-LEWIS CORP.	CA	10/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0116
(86)PETRO-LEWIS CORP.	CA	10/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0116A
(87)PETRO-LEWIS CORP.	CA	02/10/87	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0116C
REFINERY WASTE GAS RECOVERY	CA	03/19/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0065
SHELL OIL CO.	MS	09/17/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0002
SOUTHERN NAT. GAS	LA	09/11/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	LA-0009
SOUTHERN NAT. GAS	LA	07/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0021
SUN GAS CO.	TX	02/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0026
TEXACO, INC.	LA	07/30/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0012
TEXACO, INC.	LA	07/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0013
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0033
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0040
TRUNKLINE LNG CO.	LA	04/25/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0047
UNITED GAS PIPE LINE CO.	LA	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0039
UNITED PIPE LINE CO.	TX	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0070
SOURCE TYPE -- 6.1 ACRYLONITRILE PLANT						
DOW CHEMICAL, USA	WY	09/06/83	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0006
SOHIO CHEMICAL CO.	TX	06/04/84	TEXAS ACB	K. NEUMANN	(512)-451-5711	TX-0153
(89)STERLING CHEMICALS, INC.	TX	08/15/88	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0214
SOURCE TYPE -- 6.2 ACETIC ACID PLANT						
(87)OLD MANSION, INC.	VA	12/17/*;	VIRGINIA APCB	CHARLES HOLMES	(804)-786-6079	VA-0047

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 6.3 ACRYLIC ACID PLANT						
BADISCHE CORP.	TX	08/05/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0047
BADISCHE CORP.	TX	03/31/84	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0047A
(87)VIRGINIA CHEMICALS, INC.	VA	12/05/86	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0050
(88)VIRGINIA CHEMICALS, INC.	VA	09/11/87	VIRGINIA SAPCB	CATHY TAYLOR	(804)-786-7764	VA-0050A
SOURCE TYPE -- 6.5 ACROLEIN						
UNIROYAL CHEMICAL CO.	LA	02/26/85	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0028A
SOURCE TYPE -- 6.9 ALKYLBENZENE						
CONOCO, INC.	LA	10/08/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0020
SOURCE TYPE -- 6.11 BUTADIENE						
GOODYEAR TIRE & RUBBER CO.	TX	01/10/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0166
SOURCE TYPE -- 6.12 CARBON BLACK						
ASHLAND CHEMICAL CO.	LA	06/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0025
ASHLAND CHEMICAL CO.	TX	06/02/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0036
CONTINENTAL CARBON CO.	TX	09/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0035
GREAT LAKES CARBON	AR	12/21/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	AR-0006
(89)J.M. HUBER CORP.	TX	06/05/87	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0207
PHILLIPS PETROLEUM CO.	OK	01/04/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	OK-0010

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 6.13 CHARCOAL						
BIG SANDY WOOD IND.	TX	09/03/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	TX-0106
SOURCE TYPE -- 6.14 CHLOROALKALI						
DIAMOND SHAMROCK CORP.	TX	06/20/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0075
SOURCE TYPE -- 6.15 CHLOROBENZENE						
BOFORS NOBEL, INC.	MI	02/25/82	MICHIGAN DNR	DANITA BRANDT	(517)-322-1333	MI-0028
SOURCE TYPE -- 6.23 ETHYLENE DICHLORIDE						
(89)OCCIDENTIAL CHEMICAL CORP.	TX	06/14/88	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0212
SOURCE TYPE -- 6.24 ETHYLENE AND POLYETHYLENE						
E.I. DUPONT DE NEMOURS	TX	12/27/82	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0121
GULF OIL CHEMICALS	TX	08/17/81	EPA REGION VI	RAGAN BROYLES	(214)-767-1594	TX-0016
(88)SOLTEX POLYMER CORP.	TX	06/25/86	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0194
TEX-USS	TX	04/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0037
TEXAS EASTMAN CO.	TX	05/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0077
SOURCE TYPE -- 6.25 ETHYLENE OXIDE						
(89)STERILIZATION DYNAMICS, INC.	MI	05/25/88	MICHIGAN DNR, AQD	DANITA BRANDT	(517)-373-7023	MI-0081

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 6.27 ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0083
(89)CHEVRON CHEMICALS	LA	03/23/89	LOUISIANA DEQ	CARL OSTERTHALER	(504)-342-8942	LA-0060
SOURCE TYPE -- 6.31 FLUOROCARBONS						
DUPONT	MI	07/15/80	MICHIGAN DNR	DANITA BRANDT	(517)-302-1333	MI-0010
(88)3M	IL	02/05/88	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0036
SOURCE TYPE -- 6.32 FORMALDEHYDE						
EXXON CHEMICAL AMERICAS	TX	09/16/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0098
GEORGIA-PACIFIC CORP.	NC	01/17/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0008
INTERNAT. MINERALS & CHEMICAL CORP.	PA	09/12/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0024
(89)SPURLOCK CO.	VA	07/28/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0127
SOURCE TYPE -- 6.36 MALEIC ANHYDRIDE						
MONSANTO CO.	FL	03/26/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0023
(89)PITTSYLVANIA COUNTY	VA	12/06/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0157
(89)STANDARD OIL CHEMICAL CO.	TX	12/14/87	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0210
SOURCE TYPE -- 6.37 METHANOL						
DOW CORNING CORP.	KY	10/16/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0031
(88)DOW CORNING CORP.	KY	06/02/87	KENTUCKY DAQ	JAMES DILLS	(502)-564-3382	KY-0031A
GETTY METHANOL CORP.	DE	10/10/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0001

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SOURCE TYPE -- 6.42 PAINT & VARNISH						
SUN CHEMICAL CORP.	MI	08/24/82	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	MI-0030
SOURCE TYPE -- 6.43 PHARMACEUTICAL						
CHEESEBOROUGH PONDS, INC.	NY	03/10/83	NEW YORK DEC	DALE VOLLMER	(315)-428-4484	NY-0011
ELI LILLY	IN	08/04/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0002
MEAD JOHNSON & CO.	IN	03/12/82	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0020
(89)MERRELL DOW PHARMACEUTICALS	OH		SOUTHWESTERN OHIO *	JIM SADELFELD	(513)-251-8777	OH-0152
(89)WYCKOFF CHEMICALS CO., INC.	MI	01/06/89	MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7080	MI-0107
SOURCE TYPE -- 6.45 PHTHALIC ANHYDRIDE						
ASHLAND CHEMICAL CO.	WV	10/07/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0002
KOPPERS	IL	01/12/84	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0029
SOURCE TYPE -- 6.46 PROPYLENE OXIDE						
ARCO CHEMICAL CO.	TX	02/09/84	TEXAS ACB	PETE ROBERTS	(512)-451-5711	TX-0146
SOURCE TYPE -- 6.47 PHENOL/ACETONE						
(88)DOW CHEMICAL	CA	11/12/86	SOUTH COAST AQMD	NORMAN NG	(818)-572-6129	CA-0199
(88)IPMC SPECIALITIES GROUP	CA	10/27/86	SOUTH COAST AQMD	S. TAIL	(818)-572-6220	CA-0201
SOURCE TYPE -- 6.48 SOAP & DETERGENTS						
(88)LONZA CORP.	CA	04/28/87	SOUTH COAST AQMD	MILTON COHEN	(818)-572-6229	CA-0236

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
(88)PROCTER & GAMBLE	CA	01/24/86	SOUTH COAST AQMD	MILTON COHEN	(818)-572-6229	CA-0200
(88)PROCTOR & GAMBLE	CA	05/19/87	SACRAMENTO CO. APCD	A. KENNARD	(916)-366-2107	CA-0223
(88)PROCTOR & GAMBLE	CA	05/19/87	SACRAMENTO CO. APCD	A. KENNARD	(916)-366-2107	CA-0223A
SOURCE TYPE -- 6.51 SULFURIC ACID						
(88)STEPAN CHEMICAL CO.	CA	01/20/87	SOUTH COAST AQMD	R. OLIVARES	(818)-572-6232	CA-0222
(88)STEPAN CHEMICAL CO.	CA	01/20/87	SOUTH COAST AQMD	R. OLIVARES	(818)-572-6232	CA-0222A
SOURCE TYPE -- 6.52 SULFUR RECOVERY						
AMOCO PRODUCTION CO.	TX	10/16/79	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0095
(88)ARCO OIL & GAS CO.	TX	04/04/86	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0188
(86)BURZA INTERNATIONAL, LTD.	TX	07/31/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0173
(89)ENRON GAS PROCESSING CO.	ND	02/07/85	NORTH DAKOTA SHD	JIM SEMERAD	(701)-224-2348	ND-0007
(89)KOCH HYDROCARBON CO.	ND	08/12/86	NORTH DAKOTA SHD	GARY HELBING	(701)-224-2348	ND-0006
SPONGE, INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0027
TEXACO, INC. - PUGET SOUND REFINERY	WA	02/25/81	NORTHWEST APA	GLEN HALLMAN	(206)-336-5705	WA-0005
SOURCE TYPE -- 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS, INC.	KY	02/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0013
ASHLAND SYNTHETIC FUELS, INC.	KY	12/17/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0023
DEPT OF WATER RESOURCES	CA	06/15/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0005
DOW CHEMICAL, INC., LOUISIANA DIV.	LA	10/13/83	LAQD/EPA REGION VI	JAY GUPTA	(504)-342-8940	LA-0011B
(88)ETHYL CORP.	TX	09/24/86	TEXAS ACB	AMBER MANN	(512)-451-5711	TX-0180A
PACIFIC GAS & ELECTRIC CO.	CA	01/08/80	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0015
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	05/21/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0015A
SACRAMENTO MUNICIPAL UTILITIES DIST.	CA	05/05/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0012

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 6.54 SYNTHETIC FIBERS						
ALLIED CORP.	NC	08/13/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0034
(88)ALLIED FIBERS	VA	01/15/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0104
(88)ALLOY POLYMERS, INC.	VA	10/01/87	VIRGINIA SAPCB	PAUL PITTS	(804)-786-4867	VA-0093
(87)C.R. HUDGINS PLATING CO., INC.	VA	05/05/87	VIRGINIA APCB	CHARLES HOLMES	(804)-786-4867	VA-0064
CELANESE, AMCELLE PLANT	MD	04/03/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0001
(87)DUPONT	VA	12/15/86	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0045
E.I. DUPONT	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0011
E.I. DUPONT	SC	09/09/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0002
GLOBE MANUFACTURING CO.	NC	02/01/83	NORTH CAROLINA DEM	MIKE SEWELL	(918)-733-7015	NC-0028
GLOBE MANUFACTURING CO.	NC	06/26/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0028A
(88)ICI AMERICAS, INC.	VA	09/08/87	VIRGINIA SAPCB	CHARLIE HOLMES	(804)-786-6079	VA-0016A
(88)NORTH AMERICAN REISS CORP.	VA	04/17/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0070
SPARTAN MILLS	GA	06/13/83	GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0016
SPARTAN MILLS	GA		GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0016A
SOURCE TYPE -- 6.55 SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	GA	11/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0003
FIRESTONE TIRE CO.	GA	11/13/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0003A
FIRESTONE TIRE CO.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0009
(88)GOODYEAR TIRE & RUBBER CO.	VA	03/18/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0113
(88)YALE RUBBER MANUFACTURING CO.	MI	01/28/88	MICHIGAN DNR, AQD	PAUL SCHLEUSENER	(517)-373-7023	MI-0071
SOURCE TYPE -- 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
B.F. GOODRICH CHEM. GROUP	NJ	07/25/.)	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0005
B.F. GOODRICH CHEM. GROUP	NJ	10/06/82	EPA REGION II	PETER FLYNN	(609)-264-2611	NJ-0005A
B.F. GOODRICH CO.	KY	02/06/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0014
B.F. GOODRICH CO.	KY	05/27/82	KENTUCKY EPA	BILL DILLS	(502)-564-3382	KY-0021
FORMOSA PLASTICS	TX	11/18/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0048

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
(89)OCCIDENTAL CHEMICAL CORP.	TX	07/14/88	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0215
SHINTECH, INC.	TX	01/05/81	EPA REGION VI	JOE HINKLER	(214)-767-1594	TX-0079A
SHINTECH, INC.	TX	03/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0079
SOURCE TYPE -- 6.61 ALCOHOL FUEL PRODUCTION						
ADC-I, LIMITED	NE	09/22/83	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0006
(88)ADC-II, LTD.	IA	02/15/85	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0015
(88)ADM	IL	01/22/88	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0020A
AGRIFUELS REFINING CORP.	LA	11/11/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0050
AM. MODERN FOOD ENERGY SYS	IA	04/15/81	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0003
ARCHER DANIELS MIDLAND	IL	05/28/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0020
CIRCLE ENERGIES CORP.	NE	01/22/85	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0007
CONSOLIDATED ENERGY GROUP, LTD.	IA	11/13/81	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	IA-0005
KENTUCKY AGRICULTURAL ENERGY CORP.	KY	09/13/84	KENTUCKY DAPC	ROGER COOK	(502)-564-3382	KY-0042
MAPEE ALCOHOL FUEL, INC.	TX	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0024
MIDWEST SOLVENTS	IL	03/17/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0026
NEBRASKA ALCOHOL FUEL CORP.	NE	09/21/82	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0005
NEW ENERGY CORP.	IN	12/03/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0001
NEW ENGLAND ETHANOL, INC.	ME	08/10/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0006
PEAT METHANOL ASSOCIATES	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0024
ROCK ISLAND LIQUID FUELS, INC.	IL	02/01/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0009
SOURCE TYPE -- 6.62 OTHER CHEMICAL						
ADVANCE RESEARCH CHEMICALS, INC.	OK	03/14/84	TULSA CITY-COUNTY *	J. VAN SANDT	(918)-744-1000	OK-0020
AEROJET STRATEGIC PROPULSION	CA	04/01/83	SACRAMENTO APCD	ROBERT KNIGHT	(916)-366-2107	CA-0072
AIR PRODUCTS & CHEMICALS, INC.	LA	07/20/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0049
AIR PRODUCTS & CHEMICALS, INC.	LA	07/20/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0052
AIRCO CARBIDE, DIV. OF AIRCO, INC.	KY	09/06/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0022
AIRCO SPEER	PA	05/20/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0009
AIRCO SPEER	PA	08/15/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0008

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
AIRCO SPEER CARBON GRAPHITE	LA	05/05/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0016
(86)AKZO CHEMIE AMERICA	TX	08/19/85	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0174
ALLIED CHEMICAL CORP.	LA	11/21/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0035
AMERICAN CHROME & CHEMICAL, INC.	TX	12/29/82	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0122
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0083A
(88)AMVAC CHEMICAL CORP.	CA	11/26/86	SOUTH COAST AQMD	HANH LE	(818)-572-6255	CA-0202
(88)ARCO CHEMICAL CO.	TX	06/09/86	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0146A
ARKANSAS EASTMAN	AR	03/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0002
B.F. GOODRICH CHEM. GROUP	KY	02/28/80	KENTUCKY DAPC	JOHN MCCARTHY	(502)-587-3327	KY-0012
B.F. GOODRICH CHEM. GROUP	LA	11/24/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	LA-0015
B.F. GOODRICH CO.	OH	11/30/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0023
(86)B.F. GOODRICH CO., CHEMICAL DIV.	KY	02/15/80	JEFFERSON COUNTY A*	MICHAEL DEBUSSCHERE	(502)-584-8151	KY-0012A
BASF WYANDOTTE CO.	LA	03/27/81	EPA REGION VI	JOE HINKLER	(214)-767-1594	LA-0014
BOFORS NOBEL, INC.	MI	01/15/85	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1330	MI-0028A
(88)BORG WARNER	IL	02/05/88	ILLINOIS EPA	CHRISTOPHER ROMAIN	(217)-782-2113	IL-0037
(89)CHEM-TREND. INC.	MI		MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7080	MI-0092
(89)CHEMICAL RECLAMATION SERVICES, INC.	TX	07/10/87	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0208
(89)CHEVRON CHEMICAL CO.	WA	08/01/88	WASHINGTON DOE	JOHN DRABEK	(206)-867-7106	WA-0020
(89)CIBA-GEIGY CORP.	AL	11/07/88	ALABAMA DEM	KEN BARRETT	(205)-271-7861	AL-0033
(89)CIBA-GEIGY CORP.	AL	11/07/88	ALABAMA DEM	KEN BARRETT	(205)-271-7861	AL-0034
CONOCO CHEMICAL CO.	TX	10/01/82	TEXAS ACB	ED KASPRZYK	(512)-451-5711	TX-0107
DIAMOND SHAMROCK CORP.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0004
DOW CHEMICAL	TX	10/01/82	TEXAS ACB	L. ROBERTS	(512)-451-5711	TX-0105
(88)DOW CHEMICAL	MI	04/01/88	MICHIGAN DNR, AQD	CHRISTOPHER STOCK	(517)-373-7023	MI-0067
(88)DOW CHEMICAL	MI	10/09/87	MICHIGAN DNR, AQD	PAUL SCHLEUSENER	(517)-373-7023	MI-0067A
(88)DOW CHEMICAL	MI	05/20/87	MICHIGAN DNR, AQD	PAUL SCHLEUSENER	(517)-373-7023	MI-0067B
(88)DOW CHEMICAL	MI	03/01/88	MICHIGAN DNR, AQD	PAUL SCHLEUSENER	(517)-373-7023	MI-0067C
(88)DOW CHEMICAL	MI	03/23/87	MICHIGAN DNR, AQD	PAUL SCHLEUSENER	(517)-373-7023	MI-0067D
DOW CHEMICAL CO.	LA	08/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0011
(88)DOW CHEMICAL CO.	TX	07/19/85	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0019A
(88)DOW CHEMICAL CO.	TX	03/28/86	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0184
(88)DOW CHEMICAL U.S.A.	TX	04/11/86	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0019B
(89)DOW CORNING	MI	01/06/89	MICHIGAN DNR, AQD	CHRIS STOCK	(517)-373-7023	MI-0067F
E.I. DUPONT DE NEMOURS	OH	12/08/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0005

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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E.I. DUPONT DE NEMOURS	TX	04/28/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0027
EMERY INDUSTRIES	OH	10/23/80	SW OHIO APC	JIM BAIRET	(513)-251-8777	OH-0013
ESK CORP.	IL	12/07/78	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0004
(89)ETHLY CORP.	TX	10/23/87	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0180B
(88)ETHYL CORP.	TX	09/06/85	TEXAS ACB	J. RANDALL	(512)-451-5711	TX-0180
EXXON CHEMICAL	LA	05/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0034
(86)EXXON CHEMICAL AMERICAS	TX	08/30/85	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0175
(89)EXXON CHEMICAL AMERICAS	TX	01/04/88	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0175A
FERRO CHEMICAL DIV OF FERRO CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0025
HCC CHEMICAL CO.	LA	11/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0018
(89)HERCULES INC.	TX	05/11/87	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0209
(89)HILTON DAVIS CO.	OH	07/22/87	SOUTHWESTERN OHIO *	FRANK STOY	(513)-251-8777	OH-0153
HIMONT USA, INC.	TX	02/11/85	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0160
ICI AMERICAS, INC.	VA	07/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0016
(88)KERR-MCGEE CHEMICAL CORP.	CA	12/23/87	EPA REGION IX	SHIRLEY RIVERA	(415)-974-7043	CA-0263
LITHIUM CORP. OF AMERICA	NC	02/12/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0023
LITHIUM CORP. OF AMERICA	NC	01/23/85	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0023A
(88)LOMAC, INC.	MI	03/22/88	MICHIGAN DNR	GREGORY EDWARDS	(517)-373-7023	MI-0057
(89)M & T CHEMICAL	AL	10/18/88	ALABAMA DEM	KENNETH BARRETT	(205)-271-7861	AL-0037
(89)M & T CHEMICAL	AL	10/18/88	ALABAMA DEM	KENNETH BARRETT	(205)-271-7861	AL-0038
M&T CHEMICALS, INC.	KY	03/07/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0005
MALLINCKRODT, INC	MO	06/17/82	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	MO-0005
MALLINCKRODT, INC.	NC	04/19/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0030
MARATHON OIL CO.	WY	11/21/83	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0007
(88)MARTIN PROCESSING, INC.	VA	01/07/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0101
MERCK & CO., KEKO DIVISION	CA	11/20/81	EPA REGION IX	RICK SUGAREK	(415)-974-8224	CA-0036
MEREDITH/BURDA, INC.	NC	07/08/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0010
(88)MINERAL RESEARCH & DEVELOPMENT CORP.	TX	02/17/87	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0201
MOLY CORP., INC.	PA	03/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0018
MONSANTO CO.	TX	08/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0059
MONSANTO CO.	IA	11/12/82	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0010
(88)MONSANTO FIBERS & INTERMEDIATES CO.	TX	12/13/85	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0179
(89)PERSTORP POLYOLS	OH	08/24/88	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0159
(89)PERSTORP POLYOLS	OH	02/01/89	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0160

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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PHTHALEHEM, INC.	OH	10/11/84	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0067
PLAINS ELECT. GEN & TRANS	NM	12/29/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	NM-0001
PPG INDUSTRIES, INC.	WV	10/08/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0003
PROCTOR & GAMBLE	GA	09/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0002
PROCTOR CHEMICAL CO.	NC	02/02/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0029
(88)REYNOLDS METAL CO.	VA	04/17/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0073
SHELL CHEMICAL CO.	LA	03/07/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0030
(88)SHELL CHEMICAL CO.	LA	05/06/87	LOUISIANA AQD	KAREN PESSON	(504)-342-1618	LA-0057
SMITH KLINE CORP.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0023
TENNESSEE EASTMAN CO.	TN	06/05/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0001
TENNESSEE EASTMAN CO.	TN	07/02/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0007
(89)TEXACO REFINING & MARKETING, INC.	TX	10/06/88	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0064A
(89)TEXAS EASTMAN CO.	TX	10/26/87	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0077A
U.S. BORAX & CHEMICAL CORP.	CA		EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0031
UNION CARBIDE	GA	02/10/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0005
(89)UNION CARBIDE CORP.	TX	08/11/88	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0216
UNIROYAL CHEMICAL CO.	LA	09/26/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0028
VELSICOL CHEMICAL CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	TN-0016
VULCAN CHEMICALS CO.	LA	10/31/84	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0055
(87)W.R. GRACE & CO.	OH	07/23/86	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0092
WITCO CHEMICAL CORP.	TX	02/11/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0161
3M CO., CHEMOLITE	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0004
SOURCE TYPE -- 7.2 ROASTING						
(89)HERSHEY CHOCOLATE CO.	VA	07/20/88	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0129
SOURCE TYPE -- 7.3 FEED/GRAIN MILLS AND ELEVATORS						
ALLEN PRODUCTS CO., INC.	PA	09/04/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0012
(87)ARCHER DANIELS MIDLAND CO.	IL	06/07/85	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0033
(87)BABCOCK & WILCOX, LAUHOFF GRAIN	IL	03/18/86	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0034

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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BROOKPORT BARGE POINT,INC	IL	04/03/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0012
BUNGE CORP.	MN	01/08/8?	MINNESOTA PCA	GEORGE VASILAKES	(612)-296-7267	MN-0003
CARGILL, INC.	OH	01/19/73	RAPCA - DAYTON,OH	AMY WRIGHT	(513)-225-4435	OH-0011
CARGILL, INC.	VA	06/04/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-1433	VA-0027
CENTRAL SOYA CO., INC.	WA	03/20/81	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0012
(88)GRAIN PROCESSING CORP.	TN	09/26/83	CHATTANOOGA-HAMILT*	HARVEY RICE	(615)-867-4321	TN-0019
INTERSTATE GRAIN CORP.	IA	03/11/86	EPA REGION VII	JON KNODEL	(913)-236-2896	IA-0012
MAXIM FARMS	TX	07/27/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	TX-0138
MONTE CHRISTO GRAIN CO.	TX	01/12/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	TX-0112
	TX	12/07/82	TEXAS ACB	RALPH BOHLER	(512)-451-5711	TX-0118
SOURCE TYPE -- 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
(89)ANHEUSER-BUSCH	GA	02/09/88	GEORGIA EPD	CURT CHRCHILL	(404)-656-4867	GA-0023
(89)ANHEUSER-BUSCH CO.	VA	04/07/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0007A
ANHEUSER-BUSCH, INC.	VA	06/16/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0007
ANHEUSER-BUSCH, INC.	TX		EPA REGION VI	RAGAN BROYLES	(214)-767-1594	TX-0074
COORS CO.	CA	02/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	CA-0010
(86)HUDEPOHL BREWING CO.	VA	03/19/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0004
PAUL MASSON VINEYARDS	OH		SOUTHWEST OHIO APCA	HARRY SCHNIETERING	(513)-251-8777	OH-0083
SCHREIER MALTING CO	CA	03/27/81	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	CA-0049
	WI	04/21/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0021
SOURCE TYPE -- 7.6 FERTILIZER PLANTS						
AGRICO CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0016
AGRICO CHEMICAL CO.	FL	01/21/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0019
CALIF. AMMONIA (CALAMCO)	CA	05/08/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0001
CHEVRON CO., USA	WY	06/13/84	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0015
(88)COAL GASIFICATION, INC.	IL	02/29/88	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0035
CONSERV, INC.	FL	10/02/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0028
GARDINIER, INC.	FL	07/11/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0018

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TABLE 1. INDEX (CONTINUED).

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NEW WALES CHEMICALS, INC.	FL	06/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0027
OCCIDENTAL CHEMICAL CO.	FL	01/29/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0005
USS AGRI-CHEMICALS	FL	04/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0001
W R GRACE & CO	FL	04/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0008
WYCON CHEMICALS	WY	07/27/84	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0016
SOURCE TYPE -- 7.7 STARCH MANUFACTURING						
(88)ARCHER DANIELS MIDLAND CO.	IA	10/21/86	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0018
BROCK CANDY CO.	TN	11/15/83	CHATTANOOGA-HAMILT*	HARVEY RICE	(615)-867-4321	TN-0018
CORN PRODUCTS	IL	09/23/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0010
(88)HUBINGER CO.	IA	01/23/86	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0014
SOURCE TYPE -- 7.8 SUGAR CANE PROCESSING						
ATLANTIC SUGAR ASSOC.	FL	10/06/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0011
OSCEOLA FARMS CO.	FL	10/28/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0012
SUGAR CANE GROWERS COOP.	FL	05/07/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0010
SOURCE TYPE -- 7.9 FATS/VEGETABLE OILS						
A.E. STALEY	IL	11/14/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0027
(88)ARCHER DANIELS MIDLAND CO.	IA	01/13/87	EPA REGION VII	JON KNODEL	(913)-236-2896	IA-0016
(88)CARGILL, INC.	IA	12/03/83	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0013
GOLD KIST INC., GOLD KIST SOY PLANT	GA	12/09/81	GEORGIA EPD	SUE MCFATHER	(404)-656-4867	GA-0010
OHENSBORO GRAIN CO.	KY	08/24/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0038
QUINCY SOYBEAN	IL	08/18/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0024
SOURCE TYPE -- 7.11 FRUITS/VEGETABLES PROCESSING						

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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A.E. STALEY MFG. CO.	IA	07/30/81	EPA REGION VII	CHARLES WHITMORE	(913)-236-2896	IA-0004
(88)ALEX FOODS	CA	12/08/86	SOUTH COAST AQMD	PAUL LIU	(818)-572-6317	CA-0212
(88)CARGILL, INC.	MN	12/09/86	MINNESOTA PC	GEORGE VASILAKES	(612)-296-7597	MN-0010
SNACK FOODS PLANT	CA	10/01/83	KERN COUNTY APCD	THOMAS PAXSON	(805)-861-3682	CA-0061
STANISLAUS FOOD PRODUCT CO.	CA	03/08/84	STANISLAUS COUNTY *	MARK BOESE	(209)-571-6908	CA-0097
SOURCE TYPE -- 7.12 OTHER FOOD & AGRICULTURAL						
A.E. STALEY MFG. CO.	PA	05/27/82	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0026
(89)AMERICAN CRYSTAL SUGAR CO.	ND	12/06/85	NORTH DAKOTA SHD	TOM BUCHMAN	(704)-224-2348	ND-0008
(87)ANDERSON CLAYTON FOODS	IL	02/11/85	ILLINOIS EPA	CHRISTOPHER ROMAINE	(217)-782-2113	IL-0032
(88)AUTOMATIC ROLLS OF VIRGINIA, INC.	VA	02/19/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0110
BLACKWELL LAND CO., INC.	CA	12/26/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0088
BOONE VALLY COOP.	IA	08/28/81	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0008
(86)CALIFORNIA ALMOND GROWERS EXCHANGE	CA	01/24/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0131
CAMPBELL SOUP CO.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0012
CAMPBELL SOUP CO.	OH	03/20/81	OHIO EPA NWD	SAMIR ARAJ	(419)-352-8461	OH-0034
CARGILL, INC.	SC	02/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0004
(89)CENEX AGRI-FUELS	ND	07/22/86	NORTH DAKOTA SHD	TOM BACHMAN	(701)-224-2348	ND-0005
CENTRAL SOYA CO., INC.	OH	08/09/79	OHIO EPA NWD	SAMIR ARAJ	(419)-352-8461	OH-0037
CONTINENTIAL GRAIN CO.	AL	04/27/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0025
(86)CUSTOM SEED CO.	TX	08/19/85	TEXAS ACB	JOHN ARGUBRIGHT	(512)-451-5711	TX-0176
(89)DELANO GROWERS GRAPE PRODUCTS	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0279
FRITO-LAY	CA	11/09/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0085
(87)FRITO-LAY	CA	07/17/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0085A
(86)FRITO-LAY, INC.	GA	01/24/86	GEORGIA EPD	CURT CHURCHILL	(404)-656-4867	GA-0018
(89)FRITO-LAY, INC.	IN	04/04/86	INDIANA DEM	JOSEPH FOYST	(317)-232-8428	IN-0030
GENERAL FOODS CORP.	DE	12/23/82	DELEWARE DNR	HUGH MENGHI	(302)-736-4791	DE-0005
(88)GENERAL MILLS	OH	05/28/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0112B
(88)GENERAL MILLS, INC.	OH	01/07/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0112
(88)GENERAL MILLS, INC.	OH	11/13/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0112A
(89)GENERAL MILLS, INC.	OH		TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0165
GRIFFIN INDUSTRIES	IN		INDIANA APCD	RICHARD MILLIAMSON	(317)-633-0663	IN-0007

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
HTC INDUSTRIES	TX	11/30/81	TEXAS ACB	GARY HALLIN	(512)-451-5711	TX-0093
(86)J. G. BOSWELL CO.	CA	02/05/85	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	CA-0142
KERN PISTACHIO COOP.	CA	07/25/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0082
KNAPPEN VYLACTOS MOLASSES	MN	10/07/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0005
LAND O'LAKES INC.	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0001
PACIFIC ADHESIVES COMPANY OF TEXAS	TX	09/02/82	TEXAS ACB	GARY HALLIN	(512)-451-5711	TX-0097
(88)PARK 500 - DIVISION OF PHILIP MORRIS	VA	06/12/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0080
(88)PHILIP MORRIS, USA	VA	07/24/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0083
PRODUCERS COTTON OIL CO.	CA	06/20/80	FRESNO COUNTY APCD	WILLIAM RODDY	(209)-445-3239	CA-0041
R. J. REYNOLDS	NC		FORSYTH COUNTY EAD	KEITH TART	(919)-727-8060	NC-0027
R. J. REYNOLDS TOBACCO CO.	NC	03/09/79	FORSYTH COUNTY EAD	KEITH TART	(919)-727-8060	NC-0025
RALSTON PURINA, VAN CAMP SEAFOOD DIV.	AS	06/06/83	EPA REGION IX	MATT HABER	(415)-974-8209	AS-0001
SALYER GRAIN & MILLING CO.	CA	07/20/83	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	CA-0076
(89)SMUD/CAMPBELL SOUP CO.	CA	08/09/88	SACRAMENTO APCD	BRUCE NIXON	(916)-386-6623	CA-0291
(89)SMUD/CAMPBELL SOUP CO.	CA	09/08/88	SACRAMENTO APCD	BRUCE NIXON	(916)-386-6623	CA-0290
(89)TAPCO	PA	11/01/88	ALLEGHENY COUNTY A*	J. GRAHAM	(412)-578-8116	PA-0060
(88)TRANSOHIO TERMINAL CORP.	OH	08/06/86	TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0101
ZALOOM BROTHERS, INC.	CA	01/24/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-8682	CA-0075
SOURCE TYPE -- 8.1 PRIMARY ALUMINUM PRODUCTION						
ALCOA	NC	05/20/81	NORTH CAROLINA DEM	MIKE SEMELL	(919)-733-6126	NC-0003
ALCOA	MA	02/12/82	EPA REGION X	PAUL BOYS	(206)-442-1106	MA-0003
ALUMAX PACIFIC CORP.	OR	01/20/83	OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	OR-0002
ARCO ALUMINUM	KY	04/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0017
ARCO METALS CO.	KY	04/19/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0041
COASTAL ALUMINUM	SC	11/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0012
(86)GRANITE CONSTRUCTION CO.	CA	03/16/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0091A
(86)PECKHAM MATERIALS CORP.	CT	05/24/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0003
(87)REFRACTORY SYSTEM, INC.	VA	07/24/85	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0031
SOURCE TYPE -- 8.2 COKE PRODUCTION						

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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AIRCO CARBIDE (DIV OF AIRCO, INC.)	KY	08/12/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0002
BETHLEHEM STEEL CORP.	MD	08/06/79	EPA REGION III	ED VOLLBERG	(215)-597-8179	MD-0006
GRANITE CITY STEEL	IL	06/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0014
GRANITE CITY STEEL	IL	10/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0015
INLAND STEEL CO.	IN	09/22/80	INDIANA APCD	TERRY HOYA	(317)-633-0664	IN-0012
MARTIN MARIETTA CORP.	CA	12/11/80	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	CA-0023
PENNSYLVANIA COKE TECHNOLOGY, INC.	WV	08/06/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0004
REPUBLIC STEEL CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0040
REYNOLDS METALS CO.	LA	11/02/83	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0048
(89)TOLEDO COKE CORP.	OH		TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0150
SOURCE TYPE -- 8.3 PRIMARY COPPER SMELTING						
ASARCO, INC.	WA		PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0011
(88)CYPRUS CASA GRANDE CORP.	AZ	04/18/88	EPA REGION IX	LINH TRAN	(415)-974-7631	AZ-0006
SOURCE TYPE -- 8.4 FERROALLOY PRODUCTION						
CABOT CORP.	IN	12/05/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	IN-0011
SOURCE TYPE -- 8.5 IRON & STEEL PRODUCTION						
ARMCO STEEL CORP.	MD	12/12/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0009
(86)ARMCO, INC.	OH	07/31/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0078
BAYOU STEEL	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0036
BETHLEHEM STEEL CORP.	PA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0017
CAMERON IRON WORKS	TX	10/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0072
CHAPANAL STEEL CO.	TX	01/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0053
FLORIDA STEEL CORP.	FL	01/03/82	FLORIDA DER	BRUCE MITCHELL	(904)-488-1344	FL-0031
FLORIDA STEEL CORP.	TN		TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0011

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(89)I/N TEK	IN	10/15/87	INDIANA DEM	DONALD KUH	(317)-232-8412	IN-0027
JONES & LAUGHLIN STEEL CORP.	OH	01/17/84	CLEVELAND DAPC	IKE HABIB	(216)-666-3508	OH-0052
KENTUCKY ELECTRIC STEEL CO.	KY	09/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0028
LUFKIN INDUSTRIES, INC.	TX	05/26/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0023
(88)MCLOUTH STEEL PRODUCTS	MI	09/11/85	WAYNE COUNTY APC	CARL VOGT	(313)-567-0710	MI-0062
(88)NATIONAL STEEL, GREAT LAKES STEEL DIV.	MI	12/01/86	WAYNE COUNTY APC	CARL VOGT	(313)-567-0710	MI-0063
ROANOKE ELECT. STEEL CO.	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0008
STD SLAG CO., REPUB. STEEL CORP., #6 BL*	OH	08/19/82	CLEVELAND DAPC	DANIEL NORTON	(216)-664-3508	OH-0042
TIMKEN CO.	OH	12/21/81	CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	OH-0022
U.S. STEEL/DUQUESNE WORKS	PA	07/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0006
YORK-HANNOVER SEAMLESS TUBES, INC.	AR	10/01/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0012
YOUNGSTOWN STEEL CORP.	OH		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0021
SOURCE TYPE -- 8.8 SECONDARY ALUMINUM						
ALRECO METALS CO.	MI	09/15/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0002
ALUMINUM CO. OF AMERICA	OH		CLEVELAND DAPC	RUDY ZUPAN	(216)-664-3508	OH-0046
BARMET OF KENTUCKY, INC.	KY	02/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0029
CONSOLIDATED ALUMINUM CORP.	TN	06/05/81	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0013
GMC, CENTRAL FOUNDRY DIV	IN	04/28/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0015
GREATER TENNESSEE METALS, INC.	TN	10/03/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0010
GULF COAST CHEMICALS, INC.	TX	11/24/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0115
KAISER ALUMINUM & CHEMICAL CORP.	IN	11/07/80	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0021
MARTIN MARIETTA OF KENTUCKY	KY	05/18/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0040A
MARTIN MARIETTA OF KENTUCKY	KY	08/17/77	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0040
METAL RESOURCES, INC.	TN	06/25/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0009
REPLACEMENT CORES	OH		CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	OH-0068
(88)TANDEM IND., INC.	CA	05/22/87	SOUTH COAST AQMD	JOHN HENNINGER	(714)-877-3570	CA-0226
(88)TANDEM IND., INC.	CA	05/22/87	SOUTH COAST AQMD	JOHN HENNINGER	(714)-877-3570	CA-0226A
(88)TIMCO IND.	CA	02/05/87	SOUTH COAST AQMD	JOHN HENNINGER	(714)-877-3570	CA-0225
(89)U.S. REDUCTION CO.	OH		TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0164
WILMER PROCESSING DIV.	MI		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	MI-0010

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SOURCE TYPE -- 8.11 GRAY IRON FOUNDARIES						
AMERICAN MANUFACTURING CO. OF TEXAS	TX	03/08/83	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0142
BRILLION IRON WORKS	WI	08/03/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0007
CYCLONE IRON FOUNDRIES	TX	07/16/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0090
DANA CORP.	IN	05/11/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0017
FORD MOTOR CO., CASTING DIV.	OH	10/06/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0051A
FORD MOTOR CO., CLEVELAND CASTING PLANT	OH	12/07/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0051
(86)GMC-CENTRAL FOUNDRY DIV., SAGINAW GREY *	MI	03/15/86	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0042
LULING IRON FOUNDRY	TX	01/11/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0056
LYNCHBURG FOUNDRY	VA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0014
(87)NEW RIVER CASTINGS CO.	VA	02/25/87	VIRGINIA APCB	H.T. CREASY, JR.	(804)-786-4867	VA-0059
TYLER PIPE INDUSTRIES, INC.	TX	04/03/84	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0147
UNIVERSAL FOUNDRY CO.	WI	06/20/80	WISCONSIN DNR	DAN SCHRAMM	(414)-497-4044	WI-0013
VERMONT CASTINGS	VT	12/23/81	VERMONT AEC	LARRY MILLER	(802)-828-3395	VT-0001
W-K-M VALVE DIV. OF ACF INDUSTRIES	TX	02/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0078
WAUPACA FOUNDRY PLANT #2	WI	01/20/81	WISCONSIN DNR	DALE ZIEGE	(608)-866-0113	WI-0012
SOURCE TYPE -- 8.12 SECONDARY LEAD SMELTING						
HAMMOND LEAD PROD., WALSTAB DIV	IN	11/25/81	HAMMOND APC	RAFIU DANIA	(219)-853-6306	IN-0006
P.B. CO.	IN	07/03/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0016
(88)QUEMETCO, INC.	CA	12/22/86	SOUTH COAST AQMD	ED MUEHLBACHER	(818)-572-6124	CA-0218
(89)SANDERS LEAD CO.	AL	02/03/88	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0028
SOURCE TYPE -- 8.13 SECONDARY MAGNESIUM SMELTING						
ALLIED CHEMICAL CORP.	DE	11/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0002
SOURCE TYPE -- 8.14 STEEL FOUNDARIES						

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ABEX CORP.	PA	07/20/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0014
INTERNAT. METALS RECLAMATION CO.	PA	10/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0013
K O STEEL CASTING, INC.	TX	10/03/78	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0089
(88)NATIONAL CASTINGS, INC.	OH		TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0140
STRUCTURAL METALS, INC.	TX	05/07/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0092
TEXAS ELECTRIC STEEL CASTING CO.	TX	09/28/82	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0110
SOURCE TYPE -- 8.15 SECONDARY ZINC PROCESSING						
(88)EXTRACTION SYSTEMS OF AMERICA, INC.	TX	12/06/85	TEXAS ACB	G. MCARTHUR	(512)-451-5711	TX-0181
SOURCE TYPE -- 8.16 STORAGE BATTERY PRODUCTION/RECLAMATION						
BULLDOG BATTERY	TX	11/08/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0111
HOUSTON SCRAP METAL CO.	TX	11/15/83	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0137
(88)JOHNSON CONTROLS INC.	OH	02/25/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0109
(88)JOHNSON CONTROLS, INC.	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0109A
(88)JOHNSON CONTROLS, INC.	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0109B
SOURCE TYPE -- 8.17 LEAD OXIDE AND PIGMENT PRODUCTION						
DEGUSSA CHEM CORP.	AL	04/07/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0004
(88)POWERLAB, INC.	OH	01/07/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0115
POWERLAB, INC.	TX	07/20/79	TEXAS ACB	JIM CARAWAY	(512)-451-5711	TX-0135
SOURCE TYPE -- 8.19 ORE CRUSHING AND GRINDING						
FMC CORP.	NV	01/04/83	NEVADA DEP	DICK SERDOZ	(702)-885-4670	NV-0009
NATIONAL STEEL PELLET CO.	MN	12/08/81	MINNESOTA PCA	JAMES KOLAR	(612)-296-7274	MN-0002

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SOURCE TYPE -- 8.22 OTHER METALLURGICAL PROCESSES						
(89)A.P. PARTS CO.	OH	01/19/89	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0163
AIRCO CARBON	NY	04/30/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0009
ATLAS MINERALS	UT	12/03/80	UTAH BAQ	DON ROBINSON	(801)-533-6108	UT-0031
CUYAHOGA SMELTING & PROCESSING CO., INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0012
DAYTON WALTHER CORP.	KY	02/26/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0032
(88)DEFENSE GENERAL SUPPLY CENTER	VA	02/12/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0112
DOE FEED MATERIALS PRODUCTION FACILITY	OH	09/19/84	SOUTHWEST OHIO APCA	MARK HINES	(513)-251-8777	OH-0065
FUSION INC.	TX	10/01/82	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0109
(88)HALE CHROME SERVICE	OH	09/17/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0104
LAKE SIDE SLAG	IL	12/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0016
LEVIN FIXTURE CORP.	TX	12/21/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0117
(89)LOW BUCK COMPRESSOR & MACHINE, INC.	TX	12/21/88	TEXAS ACB	JIM KNIPSTEIN	(517)-451-5711	TX-0218
(88)RIMER ENTERPRISES, INC.	OH	08/06/86	TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0099
SMITH INTERNATIONAL, INC.	NV	03/24/82	CLARK COUNTY	MIKE NAYLOR	(702)-383-1276	NV-0006
(89)STERILE CONCEPTS, INC.	VA	12/02/89	VIRGINIA DAPC	CHARLIE HOLMES	(804)-786-3634	VA-0156
SUPERIOR GRAPHITE	KY	11/05/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0034
TRINITY INDUSTRIES INC	TX	07/24/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0082
(89)US D.O.E.	OH		SOUTHWESTERN OHIO *	MARK HINES	(513)-251-8777	OH-0154
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031A
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031B
WISCONSIN CENTRIFUGAL, INC.	WI	05/24/83	WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031C
SOURCE TYPE -- 9.1 ASPHALT BATCHING PLANTS						
(87)ADAMS CONSTRUCTION CO.	VA	11/01/85	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0035
(87)ADAMS CONSTRUCTION CO.	VA	03/23/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0063
ALBANY	WI	08/01/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	WI-0019
(87)APAC - VIRGINIA, INC.	VA	01/05/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0054

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
ASPHALT PRODUCTS CORP.	SC	02/14/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0008
(86)AUSTIN PAVING CO.	TX	04/02/85	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0172
B.C.R. PAVING CO.	OH		PORTSMOUTH LAA	FRANK PHILLIPS	(614)-353-5153	OH-0050
(88)B.P. SHORT & SONS PAVING CO.	VA	04/15/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0072
B.R. AMON & SONS, INC.	WI	05/23/80	WISCONSIN DNR	MIKE DEBROCK	(715)-362-7616	WI-0018
BERKS PRODUCTS CORP.	PA	09/12/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0011
(89)BLUE RIDGE STONE CORP.	VA	12/18/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0155
(88)CLAUDE C. WOOD CO.	CA	10/26/87	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0253
E.E. MOORE PAVING, INC.	WV	06/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	WV-0010
E.J. BRENEMAN INC.	PA	07/16/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0015
FRANCIS O. DAY CO., INC.	MD	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0014
GENNARO ASPHALT CO.,INC	OH	07/08/81	OHIO EPA NED	TED DAVIS	(216)-425-9171	OH-0030
HIGHWAY PAVERS, INC.	WI	03/06/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	WI-0017
HORVITZ CO.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0028
INDIANHEAD BLACKTOP INC	WI	07/14/82	WISCONSIN DNR	KRIS MCKINNEY	(608)-267-7542	WI-0025
IVERSION CONSTRUCTION CO., PLATTEVILLE	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	WI-0016
J.F. CLECKLEY & CO.	SC	01/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0007
J.H. RUDOLPH & CO., INC.	IN	01/21/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0005
(88)JULIUS BRANSCOME, INC.	VA	09/10/87	VIRGINIA SAPCB	CATHY TAYLOR	(804)-786-7764	VA-0088
KEOHN SUPPLY CO.	TX	02/18/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0091
KOKOSING MATERIALS, INC	OH	02/05/82	OHIO EPA CO	JAY MCCOY	(614)-864-3195	OH-0032
L.A. REYNOLDS	NC	01/16/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0017
(87)LEE HY PAVING CORP.	VA	11/14/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0053
(89)LEE HY PAVING CORP.	VA	01/27/89	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0142
M.A. LAYMAN & SONS	VA	07/16/79	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0012
(89)MAC CONSTRUCTION, INC.	VA	04/15/88	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0126
(87)MARVIN V. TEMPLETON & SONS, INC.	VA	03/28/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0013A
MATHY CONSTRUCTION CO.	WI	03/19/82	WISCONSIN DNR	DAN JOHNSTON	(605)-267-9500	WI-0023
MATHY CONSTRUCTION CO. PLANT #14	WI	03/01/81	WISCONSIN DNR	JOE ANCEL	(715)-423-5670	WI-0014
(88)MAYNEAD LIME CO.	VA	04/22/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-7764	VA-0067
(89)MEGA CONTRACTORS	VA	01/05/89	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0159
(87)MELCO GREEN, INC.	VA	02/12/87	VIRGINIA APCB	H.T. CREASY, JR.	(804)-786-4867	VA-0056
MILLCREEK TOWNSHIP	PA	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0005
MILLER ASPHALT PRODUCTS, INC.	MD	03/16/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0008

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(88)MOFFETT PAVING & EXCAVATING CORP.	VA	03/24/88	VIRGINIA SAPCB	TOM CREASY	(804)-786-0178	VA-0119
MORGANTOWN ASPHALT CO.	WV	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0007
PAYNE & DOLAN INC.	WI	07/07/82	WISCONSIN DNR	IMELDA STAMM	(608)-266-6876	WI-0024
PAYNE & DOLAN INC., WAUKESHA	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	WI-0015
PIONEER CONCRETE OF TEXAS, INC.	TX	01/29/85	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0167
R.C. COLLET, INC.	CA	07/17/84	PLACER COUNTY APCD	D.W. DIXON	(916)-823-4443	CA-0094
REIN, SCHULTZ, & DAHL	WI	12/03/82	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500	WI-0027
RGK INDUSTRIES	NC	01/29/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0016
(86)RICHARDS & SON, INC.	OH	01/02/86	PORTSMOUTH LAA	FRANK PHILLIPS	(614)-353-5156	OH-0079
ROCKROAD OF WISCONSIN	WI	09/15/82	WISCONSIN DNR	KATHY CARTHRIGHT	(608)-266-0244	WI-0026
RODNEY RASMUSSEN CO.	UT	01/04/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0019
STEELSTONE	ME	11/23/82	MAINE DEP	ROBERT BALLEN	(207)-289-2437	ME-0002
STEELSTONE INDUSTRIES, INC.	ME	06/08/83	MAINE DEP	ROBERT BALLEN	(207)-289-2437	ME-0007
(88)STONECO, INC.	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0144
(89)STONECO, INC.	OH		TOLEDO ENVIRONMENT*	JEFFERY THADDLE	(419)-693-0350	OH-0151
STORY ASPHALT-PAVING	AL	03/10/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0006
SUPERIOR SAND & ASPHALT CO.	WV	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0008
SYKESVILLE CONSTRUCTION CO., INC.	MD	04/03/79	EPA REGION III	ED VOLLBERG	(215)-597-8309	MD-0011
TDPS MATERIALS INC.	PA	03/05/84	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0029
(88)THOMAS ASPHALT PAVING CO.	OH		AKRON REGIONAL AQMD	L. MALCOLM	(216)-375-2480	OH-0149
TRI-STATE ASPHALT CORP.	OH		OHIO EPA SED	FRED KLINGELHAFER	(614)-385-8501	OH-0031
(87)VIRGINIA PAVING, INC.	VA	03/17/[illegible]	VIRGINIA APCB	ROBERT GARRETT	(804)-786-4867	VA-0066
(88)WILLIAMS CORP. OF VIRGINIA	VA	04/23/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-7764	VA-0074
WINDSOR SERVICES, INC.	PA	05/07/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0019
ZARLENGO BROS., INC.	PA	01/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0007
SOURCE TYPE -- 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS						
ACME BRICK CO.	TX	01/25/85	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0168
AMERICAN COLLOID	WY	04/16/84	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0018
(88)CAST AMERICA INC.	OH	08/19/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0139
D. M. STEWARD CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	TN-0015
(88)ENGELHARD CORP.	GA	11/18/87	GEORGIA EPD	WILLIAM MONTGOMERY	(404)-656-4867	GA-0022

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/198*

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
(89)GEORGIA KACLIN CO.	GA	11/01/88	GEORGIA EPD	RONALD METHIER	(404)-656-4867	GA-0025
GEORGIA KAOLIN CO.	GA	05/18/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0007
(89)ICI AMERICAS, INC.	VA	01/26/89	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0150
INTERNATIONAL AMERICAN CERAMICS, INC.	OK	04/06/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0019
JOHNS BRICK & TILE CORP.	TX	12/21/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0120
KAISER REFRACTORIES, NATIVIDAD FAC.	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0025
MILCHEM	AR	08/07/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0004
SOURCE TYPE -- 9.3 REFRACTORIES						
JOHN MANSVILLE SALES CORP	TX	01/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0055
KAISER REFRACTORIES	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0026
SOURCE TYPE -- 9.4 PORTLAND CEMENT MANUFACTURING						
ALAMO CEMENT CO.	TX	10/13/83	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0139
CALIF. PORTLAND CEMENT CO	CA	01/12/79	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0011
CREOLE CORP.	CA	05/20/80	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0006
DAL-TEX CEMENT	TX	09/03/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0100
DIXIE CEMENT CO.	TN	09/10/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0006
FLORIDA CRUSHED STONE	FL	03/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0032
FLORIDA CRUSHED STONE	FL	03/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0032A
FLORIDA MINING & MATERIALS CORP.	FL	03/25/81	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0024
IDEAL BASIC CEMENT	UT	05/28/82	UTAH DOH	CARL BROADHEAD	(801)-533-6108	UT-0026
KAISER CEMENT & GYPSUM CORP.	CA	12/26/78	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0019
LAS VEGAS PORTLAND CEMENT	NV	02/01/82	EPA REGION IX	BOB BAKER	(415)-974-8215	NV-0007
(87)LONE STAR INDUSTRIES	CA	07/29/86	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0170
LONESTAR FLORIDA PENNSUCO, INC.	FL	03/19/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0015
LONESTAR FLORIDA PENNSUCO, INC.	FL	07/08/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0017
LONESTAR FLORIDA PENNSUCO, INC.	FL	12/28/84	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0017A
LONESTAR INDUSTRIES INC.	TX	02/19/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0058
LONESTAR INDUSTRIES INC.	WA	01/25/82	EPA REGION X	PAUL BOYS	(206)-442-1106	WA-0004

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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LONESTAR PORTLAND CEMENT	UT	01/16/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0014
(88)MEDUSA CEMENT CO.	OH	04/22/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0130
MONOLITH PORTLAND CEMENT CO.	CA	12/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0028
NEVADA CEMENT CO.	NV	03/05/85	NEVADA DEP	DICK SERDOZ	(702)-885-4670	NV-0008
SOUTHWESTERN PORTLAND CEMENT CO.	TX	02/26/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0033
SOUTHWESTERN PORTLAND CEMENT CO.	TX	11/05/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	TX-0032
(88)TARMAC - LONESTAR, INC.	VA	05/22/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-7764	VA-0078
TEXAS CEMENT CO.	TX	05/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0068
(88)WILMINGTON LIQUID BULK TERMINALS	CA	01/12/87	SOUTH COAST AQMD	FRED DEL ROSARIO	(818)-572-6439	CA-0213
(88)WILMINGTON LIQUID BULK TERMINALS	CA	01/12/87	SOUTH COAST AQMD	FRED DEL ROSARIO	(818)-572-6439	CA-0213A
SOURCE TYPE -- 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING						
ASH GROVE CEMENT CO.	NE	10/22/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	NE-0001
ATLANTIC CEMENT CO., INC.	MD	11/03/80	EPA REGION III	CARL YORK	(301)-383-2776	MD-0015
BANKS CONSTRUCTION CO.	SC	04/01/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0009
BEEHIVE CEMENT, SANTAGUIN PLANT	UT	02/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0002
MARTIN MARIETTA-LEAMINGTON	UT	06/06/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0016
(88)NATIONAL CEMENT PRODUCTS, INC.	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0124
(88)RICHARDSON CONCRETE, INC.	VA	05/05/87	VIRGINIA APCB	JAMES LEHAN	(804)-786-5783	VA-0076
(88)WESTMORELAND COAL CO.	VA	05/15/87	VIRGINIA APCB	ROBERT GARRETT	(804)-786-0172	VA-0077
SOURCE TYPE -- 9.6 COAL CLEANING						
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0008
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0009
(87)NORTH AMERICAN TERMINALS	OH		SOUTHWEST OHIO APCA	MARK HINES	(513)-251-8777	OH-0093
SOUTHERN CA EDISON COALWATER STATION	CA	12/09/81	EPA REGION IX	DICK GROH	(415)-974-8219	CA-0027
SOURCE TYPE -- 9.7 COAL CLEANING (THERMAL DRYER)						

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CONSOL PENNSYLVANIA COAL CO.	PA	05/03/82	EPA REGION III	GREGORY HAM	(215)-597-2745	PA-0025
(89)CONSOLIDATION COAL CO.	VA	02/10/89	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0146
METTIKI COAL	MD	07/05/78	EPA REGION III	CRAIG HOLDEFER	(301)-383-3147	MD-0016
SOURCE TYPE -- 9.8 GLASS FIBER MANUFACTURING						
CERTAINTEED CORP.	CA	06/22/81	EPA REGION IX	RICK SUGAREK	(415)-974-8062	CA-0024
(87)MANVILLE SALES CORP.	OH	12/10/86	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0085
(88)MANVILLE SALES CORP.	OH	10/08/86	TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0085A
(88)MANVILLE SALES CORP.	OH	11/26/86	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0085B
(88)MANVILLE SALES CORP.	OH	02/04/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0121
(88)MANVILLE SALES CORP.	OH	05/06/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0121A
PABCO INSULATION DIV., FIBERBOARD CORP.	TX	02/13/84	TEXAS ACB	BOB MAUEL	(512)-451-5711	TX-0143
PPG INDUSTRIES, INC.	TX	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0081
SOURCE TYPE -- 9.11 GLASS MANUFACTURING						
(87)AFG INDUSTRIES, INC.	CA	12/08/85	EPA REGION IX	BOB BAKER	(415)-974-8923	CA-0182
BALL CORP.	CA	02/13/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0020
(88)CORNING GLASS WORKS	PA	09/29/87	PENNSYLVANIA DER	BILL SCHILDT	(717)-787-9256	PA-0040
(87)DIAMOND SHAMROCK CHEMICALS CO.	OH	08/20/86	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0086
(87)FORD MOTOR CO., DEARBORN GLASS PLT	MI	01/30/87	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0046
GUARDIAN INDUSTRIES CORP.	CA	01/16/81	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0002
GUARDIAN INDUSTRIES CORP.	TX	05/28/86	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0025
(88)LATCHFORD GLASS CO.	CA	02/03/87	SOUTH COAST AQMD	M. POLO	(818)-572-6122	CA-0206
(86)LIBBEY - OWENS - FORD CO.	CA	12/17/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0127
(88)LIBBEY OWENS FORD GLASS, INC.	OH	02/04/87	TOLEDO ENVIRONMENT*	LINDA FURLOUGH	(419)-693-0350	OH-0113
(88)OWENS-ILLINOIS, INC.	CA	12/05/85	SOUTH COAST AQMD	TIM BALABAN	(818)-572-6263	CA-0217
(88)OWENS-ILLINOIS, INC.	CA	02/04/87	SOUTH COAST AQMD	TIM BALABAN	(818)-572-6263	CA-0217A
PPG INDUSTRIES, INC.	MD	11/07/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0003
PPG INDUSTRIES, INC.	IL	05/29/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0008

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SOURCE TYPE -- 9.12 GYPSUM MANUFACTURING						
CONTINENTAL LIME, INC	UT	12/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0005
U.S. GYPSUM	TX	02/13/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0054
SOURCE TYPE -- 9.13 LIME MANUFACTURING						
ARMCO INC. - PIQUA MINERALS	OH	06/15/81	REGIONAL APC	REBECCA POHLMAN	(513)-335-5655	OH-0041
(88)AUSTINVILLE LIMESTONE CO.	VA	09/16/87	VIRGINIA SAPCB	JIM LEHAN	(804)-786-5783	VA-0023A
CHEMSTONE CORP.	VA	02/07/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0021
DAN RIVER, INC.	VA	03/22/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	VA-0020
(88)DAN RIVER, INC.	VA	12/03/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0020A
DOMTAR INDUSTRIES, INC.	PA	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0003
J.E. BAKER CO.	OH	02/22/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0008
SOURCE TYPE -- 9.14 MINERAL WOOL MANUFACTURING						
TEXACO, INC.	CA	04/09/80	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0004
U.S. GYPSUM	IN	02/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0004
U.S. GYPSUM	OH	03/11/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0007
SOURCE TYPE -- 9.15 PERLITE MANUFACTURING						
CAROLINA STALITE	NC	11/05/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0018
SOURCE TYPE -- 9.16 PHOSPHATE ROCK PROCESSING						
ESTECH GENERAL CHEMICALS	FL	01/29/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0021
MOBIL CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0009

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 9.17 STONE QUARRYING, SAND/GRAVEL						
(88)ADAMS CONSTRUCTION CO.	VA	03/18/88	VIRGINIA SAPCB	TOM CREASY	(804)-786-0178	VA-0105
(89)ADAMS CONSTRUCTION CO.	VA	05/27/88	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0105A
(88)AIR POWER, INC.	VA	01/07/88	VIRGINIA SAPCB	TOM CREASY	(804)-786-4867	VA-0099
(89)ASPHALT CONSTRUCTION CO., INC.	CA	12/21/88	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0271
AUSTINVILLE LIMESTONE CO., INC.	VA	05/02/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0023
(89)BLAKEMORE CONSTRUCTION CORP.	VA	06/24/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0128
(88)C.S. MUNDY QUARRIES	VA	04/10/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-7764	VA-0075
(87)CARDINAL STONE CO.	VA	02/05/87	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0058
(89)CHEMGOLD, INC.	CA	07/15/88	KERN CO. APCD	TOM PAXSON	(805)-861-3682	CA-0270
COAL INDUSTRY SERVICES CO.	VA	12/06/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0009
CONCRETE MATERIALS INC.	NY	05/12/80	EPA REGION II	PAUL KAHN	(212)-264-9578	NY-0001
(88)CORONA IND.	CA	11/25/86	SOUTH COAST AQMD	JOHN HENNINGER	(714)-877-3570	CA-0227
(88)CORONA IND.	CA	11/25/86	SOUTH COAST AQMD	JOHN HENNINGER	(714)-877-3570	CA-0227A
(88)CORONA IND.	CA	11/25/86	SOUTH COAST AQMD	JOHN HENNINGER	(714)-877-3570	CA-0227B
(88)CORONA IND.	CA	11/25/86	SOUTH COAST AQMD	JOHN HENNINGER	(714)-877-3570	CA-0227C
(89)D.M.L. #2	VA	01/18/89	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0144
(89)DHL, INC.	VA	04/05/88	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0139
GAF CORP.	PA	02/29/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0022
(87)GRANITE CONSTRUCTION	CA	10/09/86	SACRAMENTO COUNTY *	A. KENNARD	(916)-336-2107	CA-0176
(88)GRANITE CONSTRUCTION	CA	04/29/87	SACRAMENTO COUNTY *	A. KENNARD	(916)-366-2107	CA-0176A
GRANITE CONSTRUCTION CO.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0091
(88)GRANITE CONSTRUCTION CO.	CA	03/27/87	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0257
(88)GRANITE CONSTRUCTION CO.	CA	02/24/88	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0257A
(88)GRAYSON COUNTY	VA	10/02/87	VIRGINIA SAPCB	TOM CREASY	(804)-786-4867	VA-0095
(89)H.B. MELLOTT ESTATE, INC.	VA	05/17/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0136
(89)HOLSTON RIVER QUARRY	VA	07/12/88	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0137
(89)KERN ROCK CO.	CA	03/09/89	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0277
(89)LOUDOUN QUARRIES	VA	06/24/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0116A
(88)LOUNDOUN QUARRIES	VA	03/22/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0116
(87)LUCK STONE CORP.	VA	08/15/85	VIRGINIA APCB	TOM CREASY	(804)-786-4867	VA-0041

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(87)LUCK STONE CORP.	VA	02/05/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0061
(88)LUCK STONE CORP.	VA	09/15/87	VIRGINIA SAPCB	CATHY TAYLOR	(804)-786-7764	VA-0089
(88)LUCK STONE CORP.	VA	03/03/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0041A
(89)LUCK STONE CORP.	VA	01/27/89	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0143
(89)LUCK STONE CORP.	VA	01/09/89	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0149
(89)LUCK STONE CORP.	VA	01/05/89	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-1411	VA-0158
MARTIN MARIETTA AGGREGATES	IN	02/25/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0008
MARYLAND MATERIALS, INC.	MD	10/04/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0012
MID-CONTINENT MATERIALS, INC.	OK	11/19/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0018
(87)OLIVER DE SILVA, INC.	CA	06/02/86	BAY AREA AQMD	GREG STONE	(415)-771-6000	CA-0169
(89)PRINCE PAVING CO., INC.	VA	04/21/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0125
(88)R.G. GRIFFITH, INC.	VA	03/22/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0121
(87)RIM ROCK QUARRIES, INC.	VA	07/18/85	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0032
(88)SHENANDOAH ASPHALT, INC.	VA	12/10/87	VIRGINIA SAPCB	JIM LEHAN	(804)-786-4867	VA-0096
(88)SHENDOAH QUARRIES	VA	04/22/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0071
(89)STUART M. PERRY	VA	06/09/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0135
(87)TARMAC - LONESTAR, INC.	VA	03/30/87	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0065
(88)TARMAC - LONESTAR, INC.	VA	09/28/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0087
(88)TREGO STONE CORP.	VA	08/05/87	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0085
(88)TREGO STONE CORP.	VA	02/26/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0085A
(88)TRI-STATE LIME & STONE, INC.	VA	08/07/87	VIRGINIA SAPCB	TOM CREASY	(804)-786-0178	VA-0086
(89)VIRGINIA TRAP ROCK, INC.	VA	06/20/88	VIRGINIA DAPC	KATHERINE MILLER	(804)-786-1433	VA-0131
(87)VULCAN MATERIALS	VA	02/02/87	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0062
(88)VULCAN MATERIALS	VA	02/10/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0123
(88)VULCAN MATERIALS CO.	VA	04/23/88	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-0172	VA-0124
(88)W.S. FREY CO., INC.	VA	07/15/87	VIRGINIA SAPCB	CATHY TAYLOR	(804)-786-7764	VA-0084
WALDRON CRUSHED STONE CO.	IN	10/21/80	INDIANA APCD	TED SOMDERS	(317)-633-0665	IN-0014
SOURCE TYPE -- 9.18 TACONITE ORE PROCESSING						
CONOCO, INC.	OH	02/23/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0004
TENNESSEE EASTMAN CO.	TN	12/12/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0008
TENNESSEE EASTMAN CO.	TN	09/24/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0014

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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SOURCE TYPE -- 9.19 MINING OPERATIONS						
SHELL OIL CO.-BUCKSKIN MINE	WY	03/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	WY-0001
SOURCE TYPE -- 9.21 OTHER MINERAL PRODUCTS INDUSTRY						
AM MATERIALS CONSTRUCTION	WI	04/02/80	WISCONSIN DNR	DONALD WHITE	(715)-836-4268	WI-0008
(89)AMBROSE BRANCH COAL CO., INC.	VA	02/08/89	VIRGINIA DAPC	TOM CREASY	(804)-786-0178	VA-0152
AMSELCO COAL, FULTON MINE	IN	08/28/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	IN-0013
(88)ARCOA/LEECO ACME RESIN CORP	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0143
(88)ATLAS STONE CO.	OH	07/24/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0136
(88)ATLAS STONE CO.	OH		TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0136A
BADGER MINING CORP.	WI	06/27/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	WI-0009
(89)BIG RIVER INDUSTRIES	AL	02/06/89	ALABAMA DEM	KEN BARRETT	(205)-271-7861	AL-0035
(88)COFFMAN CONSTRUCTION, INC.	CA	10/06/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0238
(88)COFFMAN CONSTRUCTION, INC.	CA	10/05/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0238A
(89)DOW CHEMICAL U.S.A.	TX	07/05/88	TEXAS ACB	BART HAGLE	(512)-451-5711	TX-0019C
ENERGY BROTHERS, INC.	WY	10/10/84	WYOMING AQD	BERNIE DAILEY	(307)-777-7391	WY-0017
(89)EXCEL MINERALS	CA	09/15/88	KERN CO. APCD	TOM PAXSON	(805)-831-9251	CA-0269
GENERAL CASTING CORP.	WI	06/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0011
(88)GREENE'S READY MIXED CONCRETE	CA	07/17/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0241
(88)GREENE'S READY MIXED CONCRETE	CA	07/17/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0241A
(88)GREENE'S READY MIXED CONCRETE	CA	07/17/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0241B
(88)GREENE'S READY MIXED CONCRETE	CA	07/17/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0241C
(88)HERZOG CONTRACTING CORP.	CA	09/01/87	SOUTH COAST AQMD	FRED DEL ROSARIO	(818)-572-6439	CA-0242
(88)HERZOG CONTRACTING CORP.	CA	09/01/87	SOUTH COAST AQMD	FRED DEL ROSARIO	(818)-572-6439	CA-0242A
(89)KUHLMAN CORP.	OH		TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0166
(87)KYANITE MINING CORP.	VA	07/10/85	VIRGINIA APCB	TOM CREASY	(804)-786-4867	VA-0040
(88)LA HABRA PRODUCTS	CA	07/09/87	SOUTH COAST AQMD	FRED DEL ROSARIO	(818)-572-6439	CA-0246
LONE STAR POLYMER CONCRETE CO.	VA	01/21/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0018
MELWIRE TRADING CO., INC.	CA	09/01/82	SAN DIEGO APCD	JUDY LAKE	(619)-565-5908	CA-0096

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MULLITE CO.	GA	10/07/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0006
(88)OCEAN SALT CO., INC.	CA		SOUTH COAST AQMD	FRED DEL ROSARIO	(818)-572-6239	CA-0247
PATRICK COAL CORP.	VA	02/08/83	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0017
(88)POZZOLANIC INTERNATIONAL	CA	10/22/86	SOUTH COAST AQMD	ARTURO AKREOLA	(818)-572-6192	CA-0214
PPG INDUSTRIES, INC.	NC	10/03/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0015
(88)RAVEN BOATWORK	VA	02/22/88	VIRGINIA SAPCB	KATHERINE MILLER	(804)-786-1433	VA-0120
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0014
(88)TUTOR-SALIBA CORP.	CA	07/07/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0228
(88)TUTOR-SALIBA CORP.	CA	07/07/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0228A
(88)TUTOR-SALIBA CORP.	CA	07/07/87	SOUTH COAST AQMD	DANNY LUONG	(818)-572-6170	CA-0228B
(88)UNLIMITED CONCRETE	OH	04/08/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0126
(88)UNLIMITED CONCRETE	OH	05/28/87	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0131
SOURCE TYPE -- 10.1 KRAFT PULP MILLS						
ALABAMA KRAFT	AL	07/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0007
ALABAMA RIVER PULP CO., INC	AL	11/06/75	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0018
BOWATER CAROLINA CO.	SC	05/03/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0013
(86)BRUNSWICK PULP & PAPER CO.	GA	01/31/86	GEORGIA EPD	D. YARDUMIAN	(404)-656-4867	GA-0019
CHAMPION INTERNATIONAL CORP.	MI	03/17/81	MICHIGAN DNR	RANDAL TELEZ	(517)-322-1333	MI-0024
CHESAPEAKE CORP.	VA	10/07/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0001
CHESAPEAKE CORP.	VA	06/10/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0001A
(87)CONSOLIDATED PAPERS, INC.	WI	01/14/87	WISCONSIN DNR	ALLEN HUBBARD	(608)-266-3450	WI-0035
CONTAINER CORP. OF AM	AL	12/21/79	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0014
CONTAINER CORP. OF AM	FL	04/13/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0026
(89)CONTAINER CORP. OF AMERICA	AL	05/27/85	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0014A
FEDERAL PAPER BOARD CO., INC.	NC	08/31/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0019
FEDERAL PAPER BOARD CO., INC.	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0019A
FEDERAL PAPER BOARD CO., INC.	NC	10/03/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0019B
GEORGIA-PACIFIC CORP.	AR	03/19/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0005
(86)GEORGIA-PACIFIC CORP.	FL	11/15/85	FLORIDA DER	BRUCE MITCHELL	(904)-488-1344	FL-0035
GEORGIA-PACIFIC CORP.	LA	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0041
(88)GEORGIA-PACIFIC CORP.	LA	08/06/87	LOUISIANA AQD	LARRY DEVILLIER	(504)-342-9028	LA-0041A

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(88)GEORGIA-PACIFIC CORP.	LA	02/15/88	LOUISIANA AQD	LARRY DEVILLIER	(504)-342-9028	LA-0041B
GILMAN PAPER CO.	GA	06/29/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0009
HAMMERMILL PAPER	AL	03/26/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0015
(89)HAMMERMILL PAPER	AL	04/02/85	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0030
(89)HAMMERMILL PAPER	AL	04/02/85	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0030A
INDEPENDENT KRAFT CORP.	AL	02/23/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0020
INTERNATIONAL PAPER CO.	AR	07/05/82	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0007
(89)INTERNATIONAL PAPER CO.	AL	05/16/85	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0031
INTERNATIONAL PAPER CO.	LA	11/18/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0017
INTERSTATE PAPER CORP.	GA	04/16/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	GA-0015
(89)JAMES RIVER CORP.	WA	02/14/89	WASHINGTON DOE	ALAN BUTLER	(206)-867-7103	WA-0022
KIRBY FOREST INDUSTRIES	TX	08/14/80	EPA REGION VI	GEORGE KENNEDY	(214)-767-2742	TX-0071
LEAF RIVER FOREST	MS	03/14/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0008
LONGVIEW FIBRE	WA	11/12/80	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	WA-0002
(89)LOUISIANA PACIFIC CORP.	CA	02/22/89	NORTH COAST UNIFIE*	CHUCK SASSENRATH	(707)-443-3093	CA-0278
LOUISIANA-PACIFIC BOILER	CA	10/23/80	BAY AREA AQMD	LEM POTTER	(415)-771-6000	CA-0052
(89)MEAD COATED BOARD	AL	10/01/89	ALABAMA DEM	KEN BARRETT	(205)-271-7861	AL-0039
(86)NEKOOSA PAPER CO.	AR	10/01/85	ARKANSAS DPCE	MIKE PORTA	(501)-562-7444	AR-0013
OLINKRAFT	LA	10/08/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0037
PORT ST. JOE	FL	02/18/82	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0022
POTLATCH	ID	04/25/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0003
SCOTT PAPER	AL	01/15/81	ALABAMA APCD	SUE ROBERTSON	(205)-830-6570	AL-0002
SIMPSON LEE PAPER CO.	CA	09/15/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0032
SIMPSON LEE PAPER CO.	CA	01/14/75	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0032A
SIMPSON LEE PAPER CO.	CA	06/07/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0032B
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0002
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0004
ST REGIS PAPER CO.	ME	03/10/82	MAINE DEP	ROBERT BALLEM	(207)-289-2437	ME-0001A
ST. REGIS PAPER CO.	ME	05/20/82	MAINE DEP	JOHN CHANDLER	(207)-289-2437	ME-0001
UNION CAMP CORP.	GA	07/01/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0008
UNION CAMP CORP.	SC	02/25/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0014
UNION CAMP CORP.	AL	11/15/77	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0019
WESTVACO CORP.	SC	02/24/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0003
WESTVACO CORP. - FINE PAPERS DIV.	KY	03/30/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0033

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
WEYERHAEUSER CO.	MS	05/22/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0005
WEYERHAEUSER CO.	WA	01/17/84	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	WA-0013
(89)WILLAMETTE INDUSTRIES	SC	09/29/88	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-734-4534	SC-0015
WILLAMETTE INDUSTRIES, INC.	KY	12/03/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0001A
WILLAMETTE INDUSTRIES, INC.	KY	06/02/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0001
WILLAMETTE INDUSTRIES, INC.	KY	04/30/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0039
WILLAMETTE INDUSTRIES, INC.	KY	08/06/84	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0039A
(89)WILLAMETTE INDUSTRIES, INC.	KY	08/06/84	KENTUCKY DAQ	DANIEL GRAY	(502)-564-3382	KY-0049
SOURCE TYPE -- 10.2 WOOD PULPING (OTHER THAN KRAFT)						
APPLETON PAPERS, INC.	WI	09/06/83	WISCONSIN DNR	STEVE KLAFKA	(608)-267-7540	WI-0033
AUGUSTA NEWSPRINT CO.	GA	10/04/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	GA-0014
BEAR ISLAND PAPER CO.	VA	09/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0022
CAROLINA FOREST INDUSTRIES, INC.	SC	06/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0005
(88)CONSOLIDATED PAPER, INC.	WI	01/10/88	WISCONSIN DNR	DANIEL JOHNSTON	(608)-267-9500	WI-0034A
(86)CONSOLIDATED PAPERS, INC.	WI	01/10/85	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500	WI-0034
FLAMBEAU PAPER CORP.	WI	04/28/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0001
(86)FLETCHER PAPER CO.	MI	04/15/86	MICHIGAN DNR	D. FERRIER	(517)-373-7023	MI-0041
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0004
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0005
MACMILLAN BLOEDAL	AL	04/30/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0016
(87)MASONITE CORP.	VA	06/25/86	VIRGINIA APCB	CATHY TAYLOR	(804)-786-4867	VA-0036
(89)MEAD PAPERBOARD	AL	08/07/86	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0032
(88)NEWSPRINT SOUTH, INC.	MS	03/10/87	MISSOURI DNR-BPC	JERRY BANKS	(601)-961-5171	MS-0009
(88)PORT HURON PAPER CO.	MI	04/13/87	WAYNE COUNTY APC	CARL VOGT	(313)-567-0710	MI-0061
PROCTOR & GAMBLE PAPER PRODUCTS CO.	WI	04/29/82	WISCONSIN DNR	DALE ZIEGE	(608)-266-0113	WI-0032A
PROCTOR & GAMBLE PAPER PRODUCTS CO., FO*	WI	06/22/83	WISCONSIN DNR	YESHAVANT DESAI	(414)-497-4062	WI-0032
(88)SIMPSON PAPER CO.	CA	06/22/87	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0252
(88)SIMPSON PAPER CO.	CA	02/24/88	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0252A
(89)SOUTHEAST PAPER CORP.	GA	10/13/87	GEORGIA EPD	JAMES JOHNSTON	(404)-656-4867	GA-0024
(89)STONE CONTAINER CO.	MI	08/01/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0087
SUNBELT FOREST PRODUCTS CORP.	AL	04/20/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0009

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(89)WISCONSIN TISSUE MILLS	WI	02/28/89	WISCONSIN DNR	DANIEL JOHNSTON	(608)-267-9500	WI-0043
SOURCE TYPE -- 10.3 HARDBOARD						
ABI TIBI CORP.	NC	03/25/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0002
(86)LOUISIANA PACIFIC CORP.	CA	05/10/85	BUTTE COUNTY APCD	CRAIG GILMORE	(916)-534-4383	CA-0052A
SOURCE TYPE -- 10.4 PLYWOOD PLANTS						
(87)BRAND S CORP.	OR	09/28/86	OREGON DEQ	DONALD NEFF	(503)-229-6480	OR-0005
EVERGREEN FOREST PRODUCTS	ID	12/30/82	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0005
KIRBY FOREST INDUSTRIES	TX	01/09/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0057
ULTRASYSTEMS INC.	CA	10/06/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0039
SOURCE TYPE -- 10.5 WOODWORKING						
BOHEMIA, INC.	CA	12/26/84	PLACER COUNTY APCD	D.H. DIXON	(916)-823-4443	CA-0093
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0013A
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0013
SOURCE TYPE -- 10.6 OTHER WOOD PRODUCTS						
(88)ANTHONY FOREST PRODUCTS CO.	TX	04/11/86	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0186
AUSTELL BOX BOARD CO.	GA	06/29/81	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	GA-0012
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0020
(88)CHAMPION, INTERNATIONAL	OH		SOUTHWESTERN OHIO *	RUDOLF ZOLG	(513)-251-8777	OH-0148
(86)COLLINS & AIKMAN CORP.	NC	03/14/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0036
CROWN WOOD PRODUCTS	NC	01/28/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0022
(87)D-SCAN FURNITURE, INC.	VA	12/12/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0052
EAGLE ENERGY	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0004

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REPORT DATE 06/14/1989

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GEORGIA-PACIFIC CORP.	NC	01/07/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0007
GEORGIA-PACIFIC CORP.	NC	06/01/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0007A
HOOKER FURNITURE CORP.	VA	02/16/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	VA-0019
HUDSON LUMBER CO.	CA	10/05/81	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0040
(86)HYPONEX CORP.	TX	08/01/85	TEXAS ACB	JOHN ARGUBRIGHT	(512)-451-5711	TX-0177
INTERNATIONAL PAPER CO.	AR	03/25/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0010
(88)INTERNATIONAL PAPER CO.	TX	12/20/85	TEXAS ACB	J. KNIPSTEIN	(512)-451-5711	TX-0182
J.M. HUBER CORP.	ME	08/25/82	MAINE DEP	ROBERT BALLEM	(207)-289-2437	ME-0003
LOUISIANA-PACIFIC CORP.	ME	01/27/82	MAINE DEP	ROBERT BALLEM	(207)-289-2437	ME-0004
(87)LOUISIANA-PACIFIC CORP.	VA	02/17/87	VIRGINIA APCB	H.T. CREASY, JR.	(804)-786-4867	VA-0057
MIAMI PAPER CORP.	OH	06/25/82	RAPCA - DAYTON,OH	DONNA GORBY-LEE	(513)-225-4435	OH-0020
NATICK PAPERBOARD	MA	04/30/81	EPA REGION I	SARAH SIMON	(617)-223-4448	MA-0003
PACKAGING CORP. OF AM	MI	12/16/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0012
PROCTOR & GAMBLE PAPER PRODUCTS CO.	CA	04/02/80	EPA REGION IX	RAY SEID	(415)-974-8066	CA-0022
PROCTOR & GAMBLE PAPER PRODUCTS CO.	TX	02/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0080
STONE CONTAINER CORP.	OH	12/23/81	OHIO EPA SED	GLEN GREENWOOD	(614)-385-8501	OH-0003
(87)THIELE KAOLIN CO.	GA	01/20/87	GEORGIA EPD	WILLIAM MONTGOMERY	(404)-656-4867	GA-0021
(88)WEYERHAEUSER CO.	WI	10/29/87	WISCONSIN DNR	DANIEL JOHNSTON	(608)-267-9500	WI-0038
(88)WISCONSIN TISSUE MILL, INC.	WI	05/11/87	WISCONSIN DNR	DANIEL JOHNSTON	(608)-267-9500	WI-0037
(88)WYCKOFF CO.	WA	01/20/87	PUGET SOUND APCA	JAMES NOLAN	(206)-344-7355	WA-0019
(87)3M CO.	KY	07/30/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0046
SOURCE TYPE -- 11.0 GENERAL MANUFACTURING AND FABRICATION						
A.O. SMITH CORP.	WI	06/05/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	WI-0020
AIRCO CARBON	SC	01/11/82	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0011
(89)APPALACHIAN PLASTICS, INC.	VA	01/20/89	VIRGINIA DAPC	TOM CREASY	(804)-786-4867	VA-0153
(88)BARON DRAWN STEEL	OH	01/21/87	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0096A
(88)BARON DRAWN STEEL CORP.	OH	09/17/86	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0096
(88)BENDIX ELECTRONICS	VA	12/07/87	VIRGINIA SAPCB	JACK SCHUBERT	(804)-786-4867	VA-0097
BUICK MOTOR DIV., GMC	MI	03/31/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0020
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	NC-0005
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	NC-0006

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REPORT DATE 06/14/1989

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CAMPBELL SOUP CO.	NC	01/29/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0001
(88)CANON VIRGINIA, INC.	VA	01/06/88	VIRGINIA SAPCB	JACK SCHUBART	(804)-768-4867	VA-0102
CERTIFIED BRAKE, LEAR SIEGLER, INC.	KY	01/09/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0045
CHEVROLT TRUCK ASSEMBLY PLANT	MI	06/25/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0019
CHICAGO & NORTHWESTERN TRANSP. CO.	MI	06/01/80	MICHIGAN DNR	JOHN TROUT	(517)-322-1333	MI-0009
(88)COLOR AMERICA TEXTILE PROCESSING, INC.	CA	02/23/87	SOUTH COAST AQMD	ARTURO ARREOLA	(818)-572-6192	CA-0204
COLT INDUSTRIES - HOLLEY CARBURETOR DIV	TN	05/01/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0003
CRANSTON PRINT WORKS	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0021
(88)DART CONTAINER CORP.	CA	02/22/88	SAN JOAQUIN CO. AP*	SEYED SADREDIN	(209)-468-3474	CA-0256
(89)FIBERMASTER, INC.	VA	06/03/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0134
(88)FIVE BROTHERS TIRE	CA	03/05/88	SOUTH COAST AQMD	ARTURO ARREOLA	(818)-572-6192	CA-0239
(88)FONTANA PAPER MILLS, INC.	CA	08/26/87	SOUTH COAST AQMD	R. THRASH	(714)-877-2369	CA-0243
FORD MOTOR CO., LIMA ENGINE PLANT	OH	05/14/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0006
(88)G.C.M. COATINGS	CA	11/10/86	SOUTH COAST AQMD	SAEED AHBOUT	(818)-572-6143	CA-0216
GAF CORP.	CA	05/01/79	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0018
GAF CORP.	PA	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0021
GENERAL ELECTRIC CO.	AL	03/08/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0017
GENERAL MOTORS CORP.	KS	04/13/81	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	KS-0006
GM DELCO PRODUCTS DIV	OH	05/11/79	RAPCA - DAYTON,OH	JAMES GROSS	(513)-225-4435	OH-0010
GM HYDRA-MATIC	MI	06/15/79	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0025
GM PROVING GROUND	MI	09/03/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0026
(88)GMC - HYDRA-MATIC DIV.	OH	09/17/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0105
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0006
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0005
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0021
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0022
GMC CHEVROLT MOTOR DIV.	MI	03/01/80	MICHIGAN DNR	JOHN VIAL	(517)-322-1333	MI-0023
(88)GOLD BOND BUILDING PRODUCTS	CA	07/22/87	SOUTH COAST AQMD	FRED DEL ROSARIO	(818)-572-6439	CA-0245
GREENWOOD MILLS, INC.	SC	09/03/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0001
(88)GREGG INDUSTRIES,INC.	CA	04/03/87	SOUTH COAST AQMD	M. POLO	(818)-572-6122	CA-0229
HILTI INDUSTRIES, INC	OK	08/08/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0017
(88)HOMAC MANUFACTURING CO.	CA	02/11/88	KINGS COUNTY APCD	MARK POINDEXTER	(209)-584-1411	CA-0259
IBM CORP.	CA	06/09/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0038
IBM CORP.	KY	06/23/78	KENTUCKY DAPC	GEORGE DAY	(502)-564-3382	KY-0037

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

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(87)IBM CORP.	KY	08/26/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0037A
IBM CORP.	NY	05/12/82	EPA REGION II	PAUL KAHN	(212)-264-9578	NY-0006
(89)JOHNSON CONTROLS, INC.	MI	07/28/88	MICHIGAN DNR	CHRISTOPHER STOCK	(517)-373-7023	MI-0095
JOS. SCHLITZ BREWING CO.	TX	12/18/84	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0156
(88)MATHER METALS	OH	06/03/87	TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0118
(88)MICROBIOTROL, INC.	CA	01/20/87	SOUTH COAST AQMD	HEBERT WILSON	(818)-572-6247	CA-0203
MIDWEST FEATHER CO.	OH	05/04/83	SOUTHWEST OHIO APCA	WALTER ANDERSON	(513)-251-8777	OH-0062
(88)NIPPON PIGMENT USA, INC.	TX	10/02/86	TEXAS ACB	JIM KNIPSTEIN	(512)-451-5711	TX-0198
OHIO MEDICAL ANESTHETICS	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0057
PHILIP MORRIS	VA	05/20/81	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0003
PHOENIX DYE WORKS	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0056
PONTIAC MOTOR DIVISION, GMC	MI		MICHIGAN DNR	LYNN FIEDLER	(517)-322-1333	MI-0037
POOL CO.	TX	09/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0102
PROCTOR & GAMBLE	NY	02/25/82	EPA REGION II	EDWARD NOWAK	(212)-264-8690	NY-0007
(88)RIMER ENTERPRISES, INC.	OH	12/10/86	TOLEDO ENVIRONMENT*	JEFFREY THADDLE	(419)-693-0350	OH-0099A
(86)ROCKWELL INTERNAT. MICRO ELECT. R&D FAC.	CA	03/22/85	VENTURA COUNTY APCD	STAN COHEN	(805)-654-2458	CA-0149
SAGINAW STEERING GEAR	AL	10/15/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0005
(88)SHELLER-GLOBE CORP.	OH	09/03/86	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0110
TEXAS INSTRUMENTS, INC.	TX	01/04/84	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0141
(88)THISTLE ROLLER CO. INC.	CA	02/17/87	SOUTH COAST AQMD	ED MUEHLBACHER	(818)-572-6124	CA-0205
TRICO INDUSTRIES, INC.	TX	01/12/83	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0126
UNION UNDERWEAR CO., INC.	KY	10/01/84	KENTUCKY DAPC	GERALD GOEBEL	(502)-564-3382	KY-0044
(88)VALENITE METALS - GTE	OH	06/04/86	TOLEDO ENVIRONMENT*	WILLIAM GARBER	(419)-693-0350	OH-0097
SOURCE TYPE -- 12.0 INSTITUTIONAL/COMMERCIAL						
A.I. DUPONT INSTITUTE	DE	09/18/80	EPA REGION III	JOANNE MCKERNAN	(215)-597-8182	DE-0004
(87)CALIFORNIA DEPT. OF CORRECTIONS	CA	12/08/86	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	CA-0187
(88)CALIFORNIA DEPT. OF CORRECTIONS	CA	12/18/87	KINGS COUNTY APCD	MARK POINDEXTER	(209)-584-1411	CA-0187A
(88)CALIFORNIA DEPT. OF CORRECTIONS	CA	12/18/87	KINGS COUNTY APCD	MARK POINDEXTER	(209)-584-1411	CA-0187B
(89)CALIFORNIA DEPT. OF CORRECTIONS	CA	12/18/87	KINGS COUNTY APCD	MARK POINDEXTER	(209)-584-1411	CA-0283
(88)CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	01/20/87	SOUTH COAST AQMD	BRIAN YEH	(818)-572-6256	CA-0207
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	TN-0017

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	TN-0017A
(89)CHESAPEAKE GENERAL HOSPITAL	VA	12/07/88	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-4867	VA-0147
(88)CONCORD FABRICS, INC.	CA	12/29/86	SOUTH COAST AQMD	S. BARROS	(714)-877-2362	CA-0224
(88)CONCORD FABRICS, INC.	CA	12/29/86	SOUTH COAST AQMD	S. BARROS	(714)-877-2362	CA-0224A
(87)FOLSOM PRISON	CA	06/12/86	SACRAMENTO COUNTY *	A. KENNARD	(916)-336-2107	CA-0166
(88)GESCO INTERNATIONAL	TX	09/12/86	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0197
GRIFFISS AIR FORCE BASE	NY	01/28/83	NEW YORK DEC	DAVID PROSSER	(315)-782-0100	NY-0010
(88)IOWA STATE UNIVERSITY	IA	12/15/86	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0017
(89)K.I. SAWYER AFB	MI	05/17/88	MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7023	MI-0077
L.D.S. CHURCH WELFARE SQUARE	UT	07/01/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	UT-0029
LORING AIR FORCE BASE	ME	01/26/83	MAINE DEP	ROBERT BALLEM	(207)-289-2437	ME-0005
(88)LOS ANGELES HARBOR GRAIN TERMINAL	CA	05/28/87	SOUTH COAST AQMD	HERMAN EUGSTER	(818)-572-6245	CA-0248
MALMSTROM AFB	MT	06/01/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	MT-0002
(87)MCCLELLAN AFB, U.S. GOVERNMENT	CA	10/29/[illegible]	SACRAMENTO COUNTY *	A. KENNARD	(916)-366-2107	CA-0195
(89)MICHIGAN STATE UNIVERSITY	MI	06/21/88	MICHIGAN DNR, AQD	DHRUMAN SHAH	(517)-373-7023	MI-0080
NORFOLK & WESTERN RAILWAY CO.	VA	07/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0006
NORTHERN MICHIGAN UNIV.	MI	10/20/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0003
(89)OBICI HOSPITAL	VA	01/06/89	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0154
(89)PURDUE UNIVERSITY	IN	06/06/88	INDIANA DEM	ANNE HEIGHWAY	(317)-232-8457	IN-0033
RADFORD ARMY AMMUNITION PLANT	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0010
(88)RIVERSIDE HOSPITAL	OH		TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0138
(87)RUSSELL COUNTY PUBLIC SCHOOLS	VA	12/03/86	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4067	VA-0042
(89)SAN DIEGO MARRIOTT HOTEL - TOWER I	CA	03/09/87	SAN DIEGO COUNTY A*	BOB BATTEN	(619)-694-3316	CA-0285
SCHAAF LANE GREENHOUSE, INC.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0054
(86)SEAMLESS HOSPITAL PRODUCTS	TX	03/15/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0171
SOUTHERLY WASTEWATER TREATMENT	OH	11/03/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0053
(88)TELEDYNE CAST PRODUCTS	CA	10/15/87	SOUTH COAST AQMD	KIEN HUYNA	(818)-572-6360	CA-0240
(88)THE UNIVERSITY OF IOWA	IA	06/09/87	EPA REGION VII	DANIEL RODRIGUEZ	(913)-236-2896	IA-0019
(89)U.S. ARMY	VA	01/25/89	VIRGINIA DAPC	JACK SCHUBERT	(804)-786-0172	VA-0145
UNIV. OF MICH., CEN HEATING PLANT	MI	09/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0011
UNIVERSITY HOSPITAL	OH		SOUTHWEST OHIO APCA	STANLY KOZEMBA	(513)-251-8777	OH-0029
UNIVERSITY OF CINCINATI	OH	11/13/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0019
UNIVERSITY OF TEXAS AT AUSTIN	TX	02/08/85	TEXAS ACB	JAMES RANDALL	(512)-451-5711	TX-0159
(89)UNIVERSITY OF TEXAS MEDICAL BRANCH AT G*	TX	08/08/88	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0217

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NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/14/1989

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
(87)UNIVERSITY OF VIRGINIA	VA	08/22/86	VIRGINIA APCB	TOM CREASY	(804)-786-4867	VA-0030
UNIVERSITY OF WYOMING	WY	03/14/80	WYOMING AQD	ECKART HAAS	(307)-777-7391	WY-0004
USAF - CHANUTE BASE	IL	04/01/84	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0025
(87)VA DEPT. OF HIGHWAYS & TRANSPORTATION	VA	11/28/86	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0051
(86)VANDENBERG AFB, STS PROGRAM	CA	04/08/85	SANTA BARBARA COUN*	DOUG GRAPPLE	(805)-964-8658	CA-0145
(88)VANDERBILT UNIVERSITY	TN	06/11/87	NASHVILLE & DAVIDS*	PAUL BONTRAGER	(615)-327-9313	TN-0023
(88)VETERANS ADMINISTRATION MEDICAL CENTER	VA	02/12/88	VIRGINIA SAPCB	TOM CREASY	(804)-786-0178	VA-0122
(89)WURTHSMITH AFB	MI	05/05/88	MICHIGAN DNR, AQD	GREGORY EDWARDS	(517)-373-7023	MI-0076

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APPENDIX B

TABLE 2 CONTROL TECHNOLOGY DETERMINATIONS
BY TYPE OF SOURCE - SUMMARY
OF EMISSION LIMITATIONS

NOTE: Table 2 has been deleted from this and future supplemental listing of determinations.

RESERVED FOR FUTURE USE

APPENDIX C

TABLE 2A CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

NOTE: Table 2A is published in total with this supplement. Table 2A is organized by fuel type and boiler size with the boiler size being listed in ascending order within each fuel type category. All boilers are listed regardless of size. Where units of measure were reported in a form other than MM Btu/h, a conversion was performed using the following factors:

250 MM Btu/h heat input is equal to:

29 MW_i, heat input

25 MW_e, output

200,000 lb steam/h output.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.1							
ID NUMBER VA-0042	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
RUSSELL COUNTY PUBLIC SC*	VA 10311	250.00LB/H	N	BOILER			
					CO	1.65LB/H	
						.60T/YR	
					NO2	1.43LB/H	
						.51T/YR	
					PM	.40LB/MMBTU	
						1.32LB/H	
					VOC	3.26LB/H	
						1.17T/YR	
ID NUMBER OH-0083	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
HUDEPOHL BREWING CO.	OH 14-967	11.00MMBTU/H	N	BOILER, EXPERIMENTAL, ROT CA*	NOX	.64LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.83LB/MMBTU	B*
					VE	10.00% OPACITY	B*
ID NUMBER VA-0044	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TULTEX CORP.	VA 30244	12.00MMBTU/H	N	BOILER, COAL FIRED, HEINE, 2	CO	4.88LB/H EA	
						38.50T/YR TOTAL	
					NO2	.35LB/MMBTU	
						4.22LB/H EA	
					PM	.43MMBTU/H	
						5.20LB/H EA	
					SO2	1.03LB/MMBTU	
						12.39LB/H EA	
					VOC	.58LB/H EA	
						4.55T/YR TOTAL	
ID NUMBER OH-0054	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
SCHAAF LANE GREENHOUSE, *	OH 13-1093	18.10MMBTU/H	N	BOILER, COAL FIRED	PM	.20LB/MMBTU	

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(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
(1) INDICATES ENTRY NOT IN ORDER OF BOILER SIZE IN MMBTU/H. THIS ENTRY DID NOT CONTAIN
BOILER (PROCESS) CAPACITY INFORMATION AND THEREFORE COULD NOT BE LISTED IN ORDER OF SIZE.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	2.50LB/MMBTU	
ID NUMBER VA-0019	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
HOOKER FURNITURE CORP.	VA 20523	20.00MMBTU/H	M	BOILER, WOOD/COAL	PM	.30LB/MMBTU	
ID NUMBER UT-0029	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
L.D.S. CHURCH WELFARE SQ*	UT	18000.00LB/H STEAM	M	BOILER, COAL FIRED	PM	.04GR/DSCF	
					VE	20.00% OPACITY	
ID NUMBER VA-0002	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
SHANN OIL CO.	VA 78VA04	29.00MMBTU/H	N	BOILER, STEAM	CO	.60LB/H	B*
					NOX	7.00LB/H	B*
					PM	.50LB/H	B*
					SO2	.20LB/H	B*
ID NUMBER OH-0013	SOURCE TYPE - 6.62 OTHER CHEMICAL						
EMERY INDUSTRIES	OH OHIO 14-312	35.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER OH-0020	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
MIAMI PAPER CORP.	OH 0857190134 B00*	47.30MMBTU/H EA	M	BOILER, STOKER, 2	PM	.15LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER NE-0007	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
CIRCLE ENERGIES CORP.	NE	50.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.50LB/MMBTU INPUT	
					PM	.05LB/MMBTU INPUT	
					SO2	1.16LB/MMBTU INPUT	
ID NUMBER VA-0030	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY OF VIRGINIA	VA (3)40200	5500.00T/YR	N	BOILER, COAL FIRED, #1	CO	.19LB/MMBTU	
						9.40LB/H	
					NOX	.60LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
						30.00LB/H	
					PM	.45LB/MMBTU	
						22.56LB/H	
					SO2	1.64LB/MMBTU	
						82.12LB/H	
					VOC	.13LB/H	
						.19T/YR	
ID NUMBER IA-0015	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
ADC-II, LTD.	IA	51.06MMBTU/H	N	BOILER, COAL FIRED, SS	NOX	.60LB/MMBTU, 3 H *	B*
					SO2	1.14LB/MMBTU, DAIL*	B*
ID NUMBER MI-0018	SOURCE TYPE - 4.4 SURFACE COATING - METAL FURNITURE						
STEELCASE, INC.	MI 51-80	40000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER IN-0020	SOURCE TYPE - 6.43 PHARMACEUTICAL						
MEAD JOHNSON & CO.	IN PC(65) 1507	40000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.65LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	2.10LB/MMBTU	
ID NUMBER OH-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
FORD MOTOR CO., LIMA ENG*	OH EPA-5-A-80-19	55.00MMBTU/H	N	BOILER, COAL FIRED	PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24H	B*
ID NUMBER MI-0026	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GM PROVING GROUND	MI 658-78	40000.00LB/H EA	N	BOILER, COAL FIRED, 4 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER VA-0005	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
HAMPTON ROADS ENERGY CO.	VA 78VA01	60.00MMBTU/H	N	GENERATOR STACK, UTILITY STE*	CO	20.00LB/H	B*
					NOX	106.00LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	34.00LB/H	B*
					SO2	180.00LB/H	N*
ID NUMBER NC-0030	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MALLINCKRODT, INC.	NC 5126	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					SO2	1.50LB/MMBTU	
ID NUMBER AL-0025	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CONTINENTIAL GRAIN CO.	AL 711-0003-X021	60.60MMBTU/H	N	BOILER, COAL FIRED	NOX	.27LB/MMBTU	B*
					PM	.23LB/MMBTU	S*
					SO2	1.10LB/MMBTU	B*
ID NUMBER KY-0023	SOURCE TYPE - 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS,*	KY C-79-121	62.60MMBTU/H	N	BOILER	CO	1.00T/YR	
					NOX	6.00T/YR	
					PM	2.00LB/H	
						10.00T/YR	
					SO2	3.00T/YR	
					VOC	1.00T/YR	
ID NUMBER OH-0069	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CENTRAL STATE UNIVERSITY	OH 08-712	66.00MMBTU	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.60LB/MMBTU	B*
ID NUMBER NE-0005	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEBRASKA ALCOHOL FUEL CO*	NE	66.35MMBTU/H	N	BOILER	NOX	.50LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.16LB/MMBTU	
ID NUMBER OH-0029	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY HOSPITAL	OH 1431070207B003	68.00MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	
					SO2	2.00LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER IN-0009 SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
MIAMI VALLEY REFIN. CO.	IN PC(15)1485	50000.00LB/H	N	BOILER, FBC, COAL FIRED	PM .06LB/MMBTU	
					SO2 .14LB/MMBTU	
ID NUMBER WY-0004 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY OF WYOMING	WY CT-283 SEE NOTE	73.20MMBTU/H	N	BOILER, COAL, 3 EA, NOTE #1	CO .12LB/MMBTU	
					NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU NOTE *	B*
					SO2 1.60LB/MMBTU	B*
					VOC .06LB/MMBTU	
ID NUMBER GA-0018 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
FRITO-LAY, INC.	GA 2099-076-9229	75.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 1.00% SULFUR COAL	B*
					VE 20.00% OPACITY	S*
ID NUMBER VA-0030 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY OF VIRGINIA	VA (3)40200	8678.00T/YR	N	BOILER, COAL FIRED, #3	CO .19LB/MMBTU	
					16.90LB/H	
					NOX .60LB/MMBTU	
					53.94LB/H	
					PM .45LB/MMBTU	
					40.56LB/H	
					SO2 1.64LB/MMBTU	
					147.64LB/H	
					VOC .24LB/H	
					.30T/YR	
ID NUMBER SC-0004 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CARGILL, INC.	SC	80.60MMBTU/H EA	N	BOILER #5 & 6	PM 29.00LB/H	B*
					SO2 326.90LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER ID-0002	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
IDAHO NAT ENGINEERING LA*	ID (R)PSD-X81-11	82.50MMBTU/H	N	BOILER, 2 EA	NOX	.50LB/MMBTU	B*
					PM	.05GR/DSCF	B*
					SO2	99.20LB/H	B*
ID NUMBER MI-0025	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GM HYDRA-MATIC	MI 657-78	60000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.40LB/MMBTU	
ID NUMBER MI-0003	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
NORTHERN MICHIGAN UNIV.	MI 121-80	60000.00LB/H	N	BOILER, COAL FIRED, 3 TOTAL	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.40LB/MMBTU	
ID NUMBER VA-0006	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
NORFOLK & WESTERN RAILWA*	VA 79VA14	82.60MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	B*
						56.50LB/H	B*
					SO2	2.11LB/MMBTU	B*
						523.10LB/H	B*
ID NUMBER MI-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC ASSEMBLY PLANT	MI 208-80	85.00MMBTU/H EA	N	SPREADER-STOKER	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER ND-0005	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CENEX AGRI-FUELS	ND 086005	87.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.58LB/MMBTU	B*
					PM	.03LB/MMBTU	S*
					SO2	1.79LB/MMBTU	B*
ID NUMBER MI-0041	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
FLETCHER PAPER CO.	MI 682-84A	70000.00LB/H STEAM		BOILER	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	1.40LB/MMBTU	
ID NUMBER SC-0001	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GREENWOOD MILLS, INC.	SC SC035	88.40MMBTU	M	BOILER, COAL	NOX	.55LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.41LB/MMBTU	B*
ID NUMBER PA-0020	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CITY OF WILKES-BARRE	PA 79PA23	92.50MMBTU/H	M	BOILER	PM	8.00LB/H	B*
					SO2	199.00LB/H	B*
						1.50LB/MMBTU	B*
ID NUMBER VA-0030	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY OF VIRGINIA	VA (3)40200	9741.00T/YR	N	BOILER, COAL FIRED, #2R	CO	.19LB/MMBTU	
						18.25LB/H	
					NOX	.60LB/MMBTU	
						57.00LB/H	
					PM	.05LB/MMBTU	
						4.75LB/H	
					SO2	1.64LB/MMBTU	
						155.94LB/H	
					VOC	.25LB/H	
						.35T/YR	
ID NUMBER OH-0005	SOURCE TYPE - 6.62 OTHER CHEMICAL						
E.I. DUPONT DE NEMOURS	OH EPA-5-A-81-1	70000.00LB/H	N	BOILER, COAL FIRED, 2	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER IA-0013	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
CARGILL, INC.	IA	96.00MMBTU/H	N	BOILER, COAL FIRED, SS	NOX	.55LB/MMBTU, 3 H *	B*
					SO2	1.20LB/MMBTU, 24 H*	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER SC-0002	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
E.I. DUPONT	SC (R)SC-034	97.00MMBTU/H EA	N	BOILER, COAL, #1 & #2	NOX	.70LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					SO2	1.70LB/MMBTU	B*
ID NUMBER WV-0006	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
MORGANTOWN ENERGY RESEAR*	WV 78WV08	98.30MMBTU/H	N	BOILER, FLUIDIZED BED	NOX	34.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	86.00LB/H	B*
ID NUMBER TN-0023	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
VANDERBILT UNIVERSITY	TN C-522	99.00MMBTU/H	M	BOILER, COAL FIRED, 3 EA	AC*	.02LB/MMBTU	
						6.90LB/H	
					CO	.18LB/MMBTU	
						61.74LB/H	
					NOX	.70LB/MMBTU	
						240.10LB/H	
					PM	.05LB/MMBTU	
						17.15LB/H	
					SO2	1.62LB/MMBTU	
						555.70LB/H	
					VE	10.00% OPACITY	
ID NUMBER NE-0006	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
ADC-I, LIMITED	NE	100.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER VA-0027	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CARGILL, INC.	VA 60277	106.00MMBTU/H		BOILER, COAL FIRED	PM	.05LB/MMBTU	P*
					SO2	1.52LB/MMBTU	P*
ID NUMBER IL-0032	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
ANDERSON CLAYTON FOODS	IL 84 03 0035	110.00MMBTU/H	M	BOILER	BE	SEE PM LIMITS	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					CO	SEE NOTES	B*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	
					SO2	1.20LB/MMBTU	B*
ID NUMBER VA-0030	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY OF VIRGINIA	VA (3)40200	4596.00T/YR	N	BOILER, COAL FIRED, 85	CO	.19LB/MMBTU	
						21.15LB/H	
					NOX	.60LB/MMBTU	
						67.51LB/H	
					PM	5.00EE-3 LB/MMBTU	
						5.63LB/H	
					SO2	1.64LB/MMBTU	
						184.77LB/H	
					VOC	.30LB/H	
						.16T/YR	
ID NUMBER IA-0005	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
CONSOLIDATED ENERGY GROU*	IA	113.00MMBTU/H	N	BOILER, COAL FIRED, STOKER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						14.90T/YR	B*
					SO2	2.00LB/MMBTU	B*
ID NUMBER NY-0010	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
GRIFFISS AIR FORCE BASE	NY 30130004760029*	113.00MMBTU/H EA	N	BOILER, COAL FIRED, 4	NOX	.62LB/MMBTU	B*
					PM	.05LB/MMBTU	
					SO2	.71LB/MMBTU	
ID NUMBER IL-0025	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
USAF - CHANUTE BASE	IL 83 12 0026	115.00MMBTU/H	N	BOILER, 4	NOX	.60LB/MMBTU	B*
ID NUMBER MO-0005	SOURCE TYPE - 6.62 OTHER CHEMICAL						
HALLINCKRODT, INC	MO	115.10MMBTU/H	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
						.30LB/MMBTU FUEL *	

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					NOX .20LB/MMBTU GAS	
					SO2 2.00LB/MMBTU 30D R*	
					2.85LB/MMBTU MAX/D*	
					SO2 1.20LB/MMBTU MAX/D*	
					1.20LB/MMBTU FUEL *	
					SO2 .01LB/MMBTU GAS	
ID NUMBER NC-0036	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS					
COLLINS & AIKMAN CORP.	NC 5825	117.00MMBTU/H	N	BOILER, COAL FIRED	F 6.40EE-3 LB/MMBTU	
					H2* .02LB/MMBTU	
					NOX .60LB/MMBTU	
					PM .05LB/MMBTU	
					SO2 1.50LB/MMBTU	
ID NUMBER AL-0022	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
3M CO.	AL 712-0009-X019	120.00MMBTU/H	N	BOILER, COAL FIRED	CO .20LB/MMBTU	S*
					NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 1.50LB/MMBTU	B*
ID NUMBER AL-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION					
SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	M	BOILER, COAL FIRED	PM 1.60LB/H	B*
					SO2 1.50LB/MMBTU	B*
ID NUMBER NC-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION					
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU	B*
ID NUMBER NC-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION					
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU	B*
					SO2 1.40LB/MMBTU	B*
ID NUMBER IN-0002	SOURCE TYPE - 6.43 PHARMACEUTICAL					
ELI LILLY	IN EPA-5-A-81-7	123.00MMBTU/H	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	
					323.00T/YR	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.09LB/MMBTU	
						49.60T/YR	
					SO2	1.60LB/MMBTU 3H AV	
ID NUMBER IL-0024	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
QUINCY SOYBEAN	IL 83 05 0033	125.00MMBTU/H	N	BOILER, 2	CO	200.00PPM MAX	B*
					NOX	.70LB/MMBTU	B*
					PM	.08LB/MMBTU	S*
					SO2	1.80LB/MMBTU	B*
ID NUMBER IL-0027	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
A.E. STALEY	IL 83 05 0091	130.00MMBTU/H	N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER KY-0038	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
OWENSBORO GRAIN CO.	KY C-81-70	130.50MMBTU/H	M	BOILER, COAL FIRED, & FUEL H*	NOX	.70LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER KY-0044	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
UNION UNDERWEAR CO., INC.	KY C-84-128	136.00MMBTU/H	N	BOILER, COAL FIRED	CO	.21LB/MMBTU	B*
					H2*	24.40T/YR	B*
					NOX	.59LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NJ-0004	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CURTISS-WRIGHT CORP.	NJ	137.00MMBTU/H	M	BOILER, PFB	CO	NONE	
					NOX	NONE	
					PM	NONE	
					SO2	.30LB/MMBTU	S*
ID NUMBER TN-0019	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CENTRAL SOYA CO., INC.	TN 0460-10200202-*	143.10MMBTU/H	N	BOILER, FBC, COAL FIRED	BE	.00LB/H	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					CO	.17LB/MMBTU	B*
					F	.00LB/H	B*
					HG	.00LB/H	B*
					NOX	.60LB/MMBTU	B*
					PB	.00LB/H	B*
					PM	.04LB/MMBTU	L*
					SO2	.44LB/MMBTU	B*
					VOC	6.30LB/H	B*
ID NUMBER IA-0008	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
BOONE VALLY COOP.	IA	146.50MMBTU/H	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
					SO2	2.00LB/MMBTU	
ID NUMBER IL-0021	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
B.F. GOODRICH CO.	IL 82 03 0046	150.00MMBTU/H	N	BOILER, FLUIDIZED BED, RECIR*	CO	400.00PPM	B*
					NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
						85.00% REDUCTION	B*
ID NUMBER MD-0001	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
CELANESE, AMCELLE PLANT	MD 78MD08-R	110.00MLB/H	N	BOILER, COAL FIRED	PM	9.24LB/H	S*
						40.50T/YR	S*
					SO2	70.23LB/H	P*
						307.60T/YR	P*
ID NUMBER IA-0003	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
AM. MODERN FOOD ENERGY S*	IA	150.00MMBTU/H	N	BOILER, PULV. COAL	NOX	.70LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	2.00LB/MMBTU	B*
ID NUMBER IA-0010	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MONSANTO CO.	IA	150.00MMBTU/H	M	BOILER, SPREADER-STOKER, #B-8	NOX	.60LB/MMBTU 30D R*	B*
					PM	.03LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 1.95LB/MMBTU 3H R *	B*
					VE 20.00%, 6 MIN AVG.	B*
ID NUMBER IA-0004	SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING					
A.E. STALEY MFG. CO.	IA	150.00MMBTU/H	M	BOILER, COAL FIRED, 2 EA	NOX .60LB/MMBTU	B*
					SO2 1.60LB/MMBTU MAX	B*
					1.20LB/MMBTU 30D AV	B*
ID NUMBER OH-0010	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION					
GM DELCO PRODUCTS DIV	OH 08-144	150.00MMBTU/H	N	BOILER #4	PM .06LB/MMBTU	B*
					SO2 1.20LB/MMBTU	L*
ID NUMBER MI-0061	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)					
PORT HURON PAPER CO.	MI C-7445 THRU C-*	155.00MMBTU/H	N	BOILER, CFBC, COAL FIRED	CO .14LB/MMBTU	L*
					NOX .50LB/MMBTU	B*
					PM .03LB/MMBTU	L*
					SO2 .46LB/MMBTU	B*
					VE 10.00% OPACITY	
					VOC 3.19LB/H	
					14.00T/YR	
ID NUMBER KY-0042	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION					
KENTUCKY AGRICULTURAL EN*	KY C-84-44	155.40MMBTU/H	N	BOILER, FLUIDIZED BED, COAL *	NOX .50LB/MMBTU	
					PM 10.00LB/H	
					SO2 1.20LB/MMBTU	
ID NUMBER IL-0026	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION					
MIDWEST SOLVENTS	IL 82 10 0034	170.00MMBTU/H	N	BOILER, FLUIDIZED BED	CO SEE NOTE	T*
					NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	S*
					SO2 1.20LB/MMBTU 30D AV	N*
					85.00% REDUCTION	N*

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ID NUMBER MI-0019	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
CHEVROLT TRUCK ASSEMBLY *	MI 426-79	171.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER TX-0024	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	174.10MMBTU/H	N	GENERATOR, PROCESS STEAM, CO*	NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*
ID NUMBER ME-0006	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEW ENGLAND ETHANOL, INC.	ME 2191	175.00MMBTU/H	N	BOILER, COAL	NOX	.70LB/MMBTU 2H AV	B*
					PM	.08LB/MMBTU	B*
					SO2	1.80LB/MMBTU	B*
ID NUMBER TX-0074	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	178.00MMBTU/H EA	M	BOILER, COAL, 3	CO	11.20LB/H EA	B*
						.06LB/MMBTU	B*
					NOX	125.00LB/H EA	B*
						.70LB/MMBTU	B*
ID NUMBER AL-0021	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
AMALGAMAIZE CO.	AL 712-0039-X018	179.74MMBTU/H	N	BOILER, COAL FIRED	CO	.20LB/MMBTU	B*
					NOX	.57LB/MMBTU	B*
					PM	.05LB/MMBTU	N*
					SO2	2.27LB/MMBTU	S*
ID NUMBER NY-0014	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
FORT DRUM HEATING PLANT	NY	190.00MMBTU/H	N	BOILER, CFB	CO	.25LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.20LB/MMBTU	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER IA-0016 SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
ARCHER DANIELS MIDLAND C*	IA	192.00MMBTU/H	N	BOILER, COAL FIRED, MFBC	BE 1.40EE-6 LB/MMBTU,*	B*
					NOX .50LB/MMBTU, 30 D*	B*
					SO2 .85LB/MMBTU, 30 D*	B*
					.93LB/MMBTU, 24 H*	B*
ID NUMBER KY-0012A SOURCE TYPE - 6.62 OTHER CHEMICAL						
B.F. GOODRICH CO., CHEMI*	KY 49-80	192.30MMBTU/H	N	BOILER, SPREADER STOKER, COA*	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	L*
					SO2 1.00LB/MMBTU	L*
					VE 20.00% OPACITY	S*
ID NUMBER AR-0002 SOURCE TYPE - 6.62 OTHER CHEMICAL						
ARKANSAS EASTMAN	AR (R)PSD-AR-311	193.00MMBTU/H	M	BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
					PM .06LB/MMBTU	B*
					SO2 1.60LB/MMBTU	B*
ID NUMBER VA-0034 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX OF VIRGINIA, I*	VA 50950	200.00MMBTU/H	N	BOILER, 6	CO .60LB/MMBTU	
					49.20LB/H	
					NOX .60LB/MMBTU	
					120.00LB/H	
					PM .03LB/MMBTU	
					6.00LB/H	
					SO2 1.52LB/MMBTU	
					304.00LB/H	
					VOC 3.00EE-3 LB/MMBTU	
					.70LB/H	
ID NUMBER KY-0007B SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TENNESSEE VALLEY AUTHORI*	KY C-85-181	200.00MMBTU/H	M	BOILER, AFBC, COAL FIRED	CO NONE	
					NOX .56LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*

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					VE	20.00% OPACITY	
					VOC	NONE	
ID NUMBER KY-0007	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TVA - AFBC PILOT PLANT -*	KY C-80-18	200.00MMBTU/H	N	BOILER, FLUIDIZED BED	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NC-0037	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX CAROLINA LEASI*	NC 5856	202.00MMBTU/H	N	BOILER, COAL FIRED, 3 EA	CO	.60LB/MMBTU	
					H2*	.02LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.64LB/MMBTU	
ID NUMBER NC-0039	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX CAROLINA LEASI*	NC 5884	202.00MMBTU/H	N	BOILER, COAL FIRED, 6 EA	AC*	.02LB/MMBTU	
					CO	.60LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.64LB/MMBTU	
ID NUMBER NC-0032	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX OF NORTH CAROL*	NC 5418	202.00MMBTU/H		BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER NC-0033	SOURCE TYPE - 1.1 EXTERNAL COMBUSTIO.. - COAL						
COGENTRIX OF NORTH CAROL*	NC 5492	202.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NC-0035	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX OF NORTH CAROL*	NC 5543	202.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER KS-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL MOTORS CORP.	KS	205.00MMBTU/H EA	N	BOILER, COAL FIRED, SPREADER*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU 30D AV	B*
						1.60LB/MMBTU MAX	B*
ID NUMBER IA-0014	SOURCE TYPE - 7.7 STARCH MANUFACTURING						
HUBINGER CO.	IA	207.90MMBTU/H	N	BOILER, COAL FIRED, TG/SS	CO	.20LB/MMBTU, 3 H *	B*
					NOX	.60LB/MMBTU, 3 H *	B*
ID NUMBER CA-0158	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
BMCP	CA 4160001-004	220.00T/D	M	BOILER, CIRCULATING BED, COA*	NOX	.04LB/MMBTU	B*
					PM	.02GR/DSCF	B*
					SO2	.04LB/MMBTU	B*
					VOC	.04LB/MMBTU	B*
ID NUMBER CA-0120	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SCE - BIOGEN POWER PROJE*	CA SE 85-01	212.00MMBTU/H	N	BOILER, CFBC, COAL FIRED	CO	150.00PPM DRY, SEE N*	
						25.20LB/H, SEE NOTE	
					NOX	34.00PPM DRY, SEE N*	
						9.20LB/H, SEE NOTE	
					PM	.01GR/DSCF AT 3% *	
						4.50LB/H, SEE NOTE	
					SO2	23.00PPM DRY, SEE N*	
						9.40LB/H, SEE NOTE	
					VE	10.00% OPACITY, MAX*	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
ID NUMBER MI-0048 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX MICHIGAN LEASI*	MI 48-87	214.00MMBTU/H	N	BOILER, 3 EA, SEE NOTE #4	CO .20LB/MMBTU, NOTE*	B*
					NOX .60LB/MMBTU, NOTE*	B*
					PM .03LB/MMBTU	B*
					SO2 .48LB/MMBTU, NOTE*	B*
					1.67LB/MMBTU, NOTE*	B*
ID NUMBER OR-0001 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
HARNEY ELECT.	OR (R)PSD-X81-12	221.00MMBTU/H EA	N	BOILER, 2	NOX .50LB/MMBTU	B*
					SO2 .18LB/MMBTU	B*
ID NUMBER NC-0023A SOURCE TYPE - 6.62 OTHER CHEMICAL						
LITHIUM CORP. OF AMERICA	NC 4540R	221.00MMBTU/H	N	BOILER, COAL FIRED	CO .40LB/MMBTU	B*
					NOX .60LB/MMBTU	B*
					SO2 1.56LB/MMBTU	B*
ID NUMBER VA-0004 SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
COORS CO.	VA 80VA01	221.00MMBTU EA	N	BOILER, COAL FIRED, 3	CO .40LB/MMBTU	B*
					NOX .60LB/MMBTU	B*
					PM .05LB/MMBTU	B*
					SO2 .24LB/MMBTU	
					VE 5.00% OPACITY	B*
					VOC .02LB/MMBTU	B*
ID NUMBER MI-0012 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
PACKAGING CORP. OF AM	MI 681-80	325000.00LB/H	M	BOILER, 2 TOTAL	PM .10LB/MLB EXHAUST	
					SO2 1.67LB/MMBTU 24H AV	
ID NUMBER IA-0019 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
THE UNIVERSITY OF IOWA	IA	223.00MMBTU/H	N	BOILER, COAL FIRED, MSFBC	CO .30LB/MMBTU, 3 H *	B*
					F 4.50EE-3 LB/MMBTU	B*
					NOX .40LB/MMBTU, 30 D*	B*
					SO2 1.00LB/MMBTU, 3 H *	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER GA-0016A	SOURCE TYPE - 6.54 SYNTHETIC FIBERS					
SPARTAN MILLS	GA 2211-124-8961	233.00MMBTU/H	M	BOILER, COAL FIRED	FL* 2.20LB/H	B*
					H2* 4.70LB/H	B*
					NOX .70LB/MMBTU	N*
					PM .05LB/MMBTU	N*
					SO2 3.49LB/H	B*
ID NUMBER NC-0023	SOURCE TYPE - 6.62 OTHER CHEMICAL					
LITHIUM CORP. OF AMERICA	NC (R)NC-075	233.90MMBTU/H	M	BOILER	NOX .70LB/MMBTU	N*
ID NUMBER IA-0017	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL					
IOWA STATE UNIVERSITY	IA	235.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	BE .60EE-3 LB/MMBTU,*	B*
					CO .15LB/MMBTU, 3 H *	B*
					F .04LB/MMBTU, 3 H *	B*
					NOX .40LB/MMBTU, 3 H *	B*
					PB 1.50EE-3 LB/MMBTU,*	B*
					SO2 1.00LB/MMBTU, 30 D*	B*
					1.42LB/MMBTU, 3 H *	B*
ID NUMBER OH-0023	SOURCE TYPE - 6.62 OTHER CHEMICAL					
B.F. GOODRICH CO.	OH 1947030004	238.00MMBTU/H		BOILER, COAL FIRED	CO .19LB/MMBTU	B*
					200.00T/YR	B*
					NOX .70LB/MMBTU	B*
					730.00T/YR	B*
					PM .06LB/MMBTU	B*
					63.00T/YR	B*
					SO2 1.20LB/MMBTU	L*
					1250.00T/YR	L*
ID NUMBER PA-0045	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
ARCHBALD POWER CORP.	PA 35-306-001	240.00MMBTU/H	N	BOILER	NOX .25LB/MMBTU	B*
					PM .05LB/MMBTU	B*
					SO2 .15LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER DE-0005	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
GENERAL FOODS CORP.	DE APC 83/074	243.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	3.04LB/MMBTU	
ID NUMBER VA-0033	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
UNION CAMP	VA 60214	245.00MMBTU/H	M	BOILER, COAL FIRED	NOX	643.86T/YR	
					PM	53.66T/YR	
					SO2	1606.00T/YR	
ID NUMBER NC-0011	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
E.I. DUPONT	NC NC-067	245.00MMBTU/H C*		BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
						24.50LB/H	B*
					SO2	2.20LB/MMBTU	B*
ID NUMBER MO-0007	SOURCE TYPE - 4.3 SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						
GENERAL MOTORS CORP.	MO	247.00MMBTU/H	N	BOILER, COAL FIRED, 4 EA	CO	.08LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU, 30 D*	B*
ID NUMBER MI-0022	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC CADILLAC MOTORS CORP.	MI C-5764 THRU C-*	247.00MMBTU/H	N	BOILER, POWER HOUSE, 3 EA			
					NOX	.60LB/MMBTU	L*
					PM	.03LB/MMBTU	L*
					SO2	1.10LB/MMBTU	B*
ID NUMBER MI-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC ASSEMBLY PLANT	MI 208-80	247.22MMBTU/H EA	N	BOILER, COAL FIRED, 3 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER AL-0023	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ALABAMA POWER CO.	AL 4-07-0010-8401*	248.00MMBTU/H T*	N*	BOILER, COAL FIRED	NOX	.60LB/MMBTU	N*
					PM	.05LB/MMBTU	N*
					SO2	1.17LB/MMBTU	B*
ID NUMBER NC-0027	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
R. J. REYNOLDS	NC	248.00MMBTU/H EA	N	BOILER, PULV. COAL FIRED, 5	BE	.00G/MMBTU	B*
					CO	.04LB/MMBTU	B*
					F	.00LB/MMBTU	B*
					HG	.00G/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PB	.00G/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*
ID NUMBER PA-0026	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
A.E. STALEY MFG. CO.	PA 81PA01	249.00MMBTU/H	M	BOILER, COAL	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
ID NUMBER AL-0017	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL ELECTRIC CO.	AL SEE NOTES	249.00MMBTU/H EA	N	BOILER, 2	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER AL-0009	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073	250.00MMBTU/H	N	BOILER, COAL, #3	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AL-0017	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL ELECTRIC CO.	AL SEE NOTES	266.80MMBTU/H	N	BOILER	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM .05LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER CA-0180	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
GHF POWER SYSTEMS CO.	CA SJ 86-08	274.00MMBTU/H	N	COMBUSTOR, ATMOSPHERIC FLUID*	CO 200.00PPM AT 3% O2	
					NOX 28.00PPM AT 3% O2	
					SO2 20.20PPM AT 3% O2	
ID NUMBER IN-0033	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL					
PURDUE UNIVERSITY	IN PC (79) 1680	279.00MMBTU/H		BOILER, CIRCUL. FLUID BED	CO .27LB/MMBTU	
					NOX .60LB/MMBTU	N*
					PM .05LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
					90.00% REMOVAL	N*
					SO2 .09LB/MMBTU, 30D *	
					1.10LB/MMBTU, BLOC*	
					VE 20.00% OPACITY	N*
ID NUMBER CA-0129A	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
COGENERATION NATIONAL CO*	CA AP84-190	279.60MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO SEE NOTE	
					NOX 30.00PPMV AT 3% O2	
					12.00LB/H/UNIT	
					PM 8.00EE-3 GR/SCF AT*	
					10.00LB/H TOTAL	
					SOX 13.00LB/H/UNIT	
ID NUMBER PA-0036	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
FOSTER WHEELER POWER	PA 49-306-001	283.00MMBTU/H		BOILER, COAL FIRED, 2 EA	CO .50LB/MMBTU	B*
					NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .24LB/MMBTU	B*
					VE 20.00% OPACITY, MIT*	B*

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ID NUMBER GA-0016 SOURCE TYPE - 6.54 SYNTHETIC FIBERS							
SPARTAN MILLS	GA 2211-124-8586	284.40MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER NC-0025 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL							
R. J. REYNOLDS TOBACCO C*	NC 00405-0004-P	302.60MMBTU/H	H	BOILER	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
					VE	20.00% OPACITY	L*
ID NUMBER IL-0034 SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS							
BABCOCK & WILCOX, LAUHOF*	IL 85 11 0014	309.00MMBTU/H	N	BOILER, COAL FIRED	CO	200.00PPM	
					NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	.80LB/MMBTU	
ID NUMBER SC-0005 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	311.00MMBTU/H EA	N	BOILER, COAL FIRED, 2	CO	25.60LB/H	B*
						111.80T/YR	B*
					NOX	435.40LB/H	B*
						1901.80T/YR	B*
					PM	62.20LB/H	B*
						271.80T/YR	B*
					SO2	746.40LB/H	B*
						3260.40T/YR	B*
ID NUMBER LA-0018 SOURCE TYPE - 6.62 OTHER CHEMICAL							
HCC CHEMICAL CO.	LA (R)PSD-LA-108	312.50MMBTU/H	N	BOILER, SPREADER STOKER	CO	.10LB/MMBTU COAL	B*
					CO	.04LB/MMBTU RESID*	B*
					CO	.04LB/MMBTU DIST *	B*
					CO	.02LB/MMBTU N. GAS	B*
					NOX	.70LB/MMBTU COAL	B*
					NOX	.30LB/MMBTU RESID*	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	.16LB/MMBTU DIST *	B*
					NOX	.17LB/MMBTU N. GAS	B*
					PM	.02LB/MMBTU COAL	B*
					PM	.02LB/MMBTU RESID*	B*
					PM	.01LB/MMBTU DIST *	B*
					PM	.01LB/MMBTU N. GAS	B*
					SO2	.32LB/MMBTU COAL	B*
					SO2	.14LB/MMBTU RESID*	B*
					SO2	.32LB/MMBTU DIST *	B*
					SO2	.00LB/MMBTU N. GAS	B*
ID NUMBER GA-0012	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
AUSTELL BOX BOARD CO.	GA 2631-033-7994-C	313.00MMBTU/H	N	BOILER	CO	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MT-0002	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
MALMSTROM AFB	MT	318.00MMBTU/H	M	HEATER, 3	NOX	.50LB/MMBTU	B*
						106.00LB/H	B*
					PM	7.60LB/H	B*
					SO2	.32LB/MMBTU	B*
						67.80LB/H	B*
ID NUMBER LA-0015	SOURCE TYPE - 6.62 OTHER CHEMICAL						
B.F. GOODRICH CHEM. GROUP LA (R)	PSD-LA-326	338.00MMBTU/H	M	BOILER, COAL FIRED	CO	.08LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.33LB/MMBTU	B*
ID NUMBER IN-0001	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEW ENERGY CORP.	IN EPA-5-A-82-1	342.60MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	L*
					SO2	1.20LB/MMBTU 3H AV	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER CA-0092A SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
RIO BRAVO REFINING CO.	CA SJ 85-07	36.00MW		BOILER, FLUIDIZED BED, COAL *	NOX 78.00PPM AT 3% O2	B*
					SO2 20.00PPM AT 3% O2	B*
ID NUMBER MI-0051 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CITY OF WYANDOTTE, DEPT.*	MI C-7584,7728,77*	369.00MMBTU/H	N	BOILER, CFBC, COAL FIRED	CO .14LB/MMBTU	L*
					NOX .40LB/MMBTU	B*
					PM* .01LB/MMBTU	L*
					SO2 .50LB/MMBTU	B*
					VE 10.00% OPACITY	
					VOC 8.86LB/H	
					37.70T/YR	
ID NUMBER CA-0092 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
RIO BRAVO REFINING CO.	CA 4141003	37.50MW	M	BOILER, COAL FIRED	CO .27LB/MMBTU	L*
					NOX .20LB/MMBTU	L*
ID NUMBER AL-0017 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL ELECTRIC CO.	AL SEE NOTES	382.40MMBTU/H EA	N	BOILER, 2	CO .04LB/MMBTU	B*
				BOILER, 2	CO .04LB/MMBTU	B*
				BOILER, 2	NOX .70LB/MMBTU	N*
				BOILER, 2	NOX .70LB/MMBTU	N*
				BOILER, 2	PM .05LB/MMBTU	B*
				BOILER, 2	PM .05LB/MMBTU	B*
				BOILER, 2	SO2 1.20LB/MMBTU	B*
				BOILER, 2	SO2 1.20LB/MMBTU	B*
ID NUMBER CA-0092B SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
RIO BRAVO REFINING CO.	CA SJ 85-06	389.00MMBTU/H	N	BOILER, FLUIDIZED BED, COAL *	CO 105.10LB/H	
					NOX 78.00PPM AT 3% O2	
					38.90LB/H	
					SO2 20.00PPM AT 3% O2	
					14.00LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER PA-0046 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
WESTWOOD ENERGY PROPERIT*	PA 54-306-004	425.00MMBTU/H	N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.20LB/MMBTU	B*
ID NUMBER MI-0037 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
PONTIAC MOTOR DIVISION, *	MI 124-84	443.00MMBTU/H	N	BOILER	NOX	.50LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER MI-0080 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
MICHIGAN STATE UNIVERSITY	MI 748-87	460.00MMBTU/H	N	BOILER, CFB	CO	.20LB/MMBTU	B*
					NOX	.50LB/MMBTU 30D A*	B*
					PM	.03LB/MMBTU	B*
					SO2	.60LB/MMBTU 30D A*	B*
						.74LB/MMBTU 24H A*	B*
ID NUMBER AL-0009 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073	470.00MMBTU/H	N	BOILER, COAL, #2	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER ND-0008 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL							
AMERICAN CRYSTAL SUGAR C*	ND X75001	475.00MMBTU/H	M	BOILER, COAL FIRED, 2	NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	N*
					SO2	3.00LB/MMBTU	S*
ID NUMBER AL-0009 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073	480.00MMBTU/H	N	BOILER, COAL, #1	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MI-0020 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
BUICK MOTOR DIV., GMC	MI 535-79	485.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU 30D AV	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.03LB/MMBTU	L*
					SO2	.60LB/MMBTU 30D AV	B*
ID NUMBER IL-0033	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
ARCHER DANIELS MIDLAND C*	IL 85 06 0030	496.00MMBTU/H	N	COMBUSTION UNIT, FLUIDIZED B*	BE	.03LB PM/MMBTU	
					CO	.25LB/MMBTU	
					NOX	.60LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER AR-0008	SOURCE TYPE - 9.6 COAL CLEANING						
ETSI	AR 700-A	498.00MMBTU/H	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AR-0009	SOURCE TYPE - 9.6 COAL CLEANING						
ETSI	AR 705-A	498.00MMBTU/H	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MI-0041	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
FORT HOWARD CORP.	MI 88-AJH-031	505.00MMBTU/H	N	BOILER, CFBC	AC*	3.60LB/H	B*
					BE	9.00EE-4 LB/H	B*
					CO	.20LB/MMBTU	B*
					FU*	10.00% OPACITY	B*
					HG	.04LB/H	B*
					NO2	.49LB/MMBTU	B*
					PB	.03LB/H	S*
					PM	.05LB/MMBTU	B*
					SO2	.70LB/MMBTU	B*
						90.00% REDUCTION	B*
					VE	10.00% OPACITY, 6 M*	B*
					VOC	2.21LB/H	S*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER PA-0044A	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
NORTHEASTERN POWER CO.	PA 54-306-006	513.00MMBTU/H	N	BOILER, CFB	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .32LB/MMBTU	B*
					.50% S	B*
ID NUMBER MI-0014	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
MARQUETTE BOARD OF LT & *	MI 65-80	517.60MMBTU/H	N	BOILER, COAL FIRED	NOX .50LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 .40LB/MMBTU	
ID NUMBER TX-0071	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
KIRBY FOREST INDUSTRIES	TX TX-231	530.00MMBTU/H	N	BOILER, POWER	CO 3.12LB/H	B*
					.06LB/MMBTU	B*
					NOX 371.00LB/H	N*
					.70LB/MMBTU	N*
					PM 53.00LB/H	N*
					.01LB/MMBTU	N*
					SO2 636.00LB/H	N*
					1.20LB/MMBTU	N*
ID NUMBER PA-0044	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
NORTHEASTERN POWER CO.	PA 54-306-006	540.00MMBTU/H	N	BOILER	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .32LB/MMBTU	B*
ID NUMBER CA-0178	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
MOUNT POSO COGENERATION *	CA SJ 86-09	50.00MW		BOILER	CO 50.00LB/H	
					NOX .10LB/MMBTU	T*
					PM .01GR/DSCF AT 12%*	
					RA* .01GR/DSCF AT 12%*	
					SO2 .04LB/MMBTU	T*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER PA-0034	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SHERIDAN COAL CO.	PA 54-306-005	550.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.25LB/MMBTU	B*
ID NUMBER IA-0018	SOURCE TYPE - 7.7 STARCH MANUFACTURING						
ARCHER DANIELS MIDLAND C*	IA	551.50MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	.20LB/MMBTU, 3 H *	B*
					F	1.50LB/H, 3 H AVG	B*
					NOX	.40LB/MMBTU, 30 D*	B*
					SO2	.85LB/MMBTU, 30 D*	B*
						1.03LB/MMBTU, 3 H *	B*
ID NUMBER PA-0058	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NORTH BRANCH ENERGY PART*	PA 63-306-004	563.00MMBTU/H	N	BOILER, CFB, 2 EA	CO	.15LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					PM*	.03LB/MMBTU	B*
					SO2	.91LB/MMBTU, 30D *	B*
						90.00% CONTROL	B*
					VOC	.02LB/MMBTU	B*
ID NUMBER OH-0011	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CARGILL, INC.	OH 08-124	567.00MMBTU/H	N	BOILER, COAL	NOX	.49LB/MMBTU	
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NY-0021	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
GOODYEAR	NY	577.00MMBTU/H		BOILER, FLUIDIZED BED, COAL *	CO	.20LB/MMBTU	B*
					NOX	.50LB/MMBTU	B*
					PM*	.02LB/MMBTU	L*
					SO2	.50LB/MMBTU	B*
						90.00% REDUCTION	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 — REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NY-0030	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
UNITED DEVELOPMENT GROUP*	NY	577.00MMBTU/H	N	BOILER, FLUIDIZED BED, COAL *	CO	.20LB/MMBTU	B*
					NOX	.50LB/MMBTU	B*
					PM	.02LB/MMBTU	L*
					PM*	.02LB/MMBTU	B*
					SO2	.50LB/MMBTU	B*
ID NUMBER LA-0030	SOURCE TYPE - 6.62 OTHER CHEMICAL						
SHELL CHEMICAL CO.	LA	594.00MMBTU/H	N	BOILER, 3 EA	CO	.06LB/MMBTU	B*
						38.00LB/H	B*
					NOX	.70LB/MMBTU	B*
						416.00LB/H	B*
					PM	.09LB/MMBTU	B*
						53.00LB/H	B*
					SO2	1.20LB/MMBTU	B*
						713.00LB/H	B*
ID NUMBER PA-0057	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SCRUBGRASS POWER CORP.	PA 61-306-001	599.00MMBTU/H	N	BOILER, CFB, COAL WASTE FIRE*	CO	.10LB/MMBTU	B*
					NOX	.30LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					PM*	.03LB/MMBTU	B*
					SO2	.45LB/MMBTU	B*
					VE	10.00% OPACITY, 3 M*	B*
						30.00% OPACITY, MAX	B*
					VOC	.01LB/MMBTU	B*
ID NUMBER PA-0049	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
EDENSBURG POWER CO.	PA 11-306-003	617.00MMBTU/H	N	BOILER, FLUID BED	CO	.18LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.00LB/MMBTU, 24H *	B*
						90.00% CONTROL	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER CA-0128A	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
CORN PRODUCTS	CA SEE NOTE	620.00MMBTU/H	N	BOILER, CIR. FLUIDIZED BED	CO SEE NOTE	
					1842.00LB/D	
					NOX 30.00PPMV AT 3% O2	
					PM 10.00LB/H	
					8.00EE-3 GR/DSCF A*	
					SO2 1421.00LB/D	
ID NUMBER CA-0165	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
PYROPOWER CORP.	CA 4149001A-004	640.00MMBTU/H	N	COGENERATION UNIT, COAL FIRED	NOX .09LB/MMBTU	L*
					58.60LB/H	L*
					PM 4.73EE-3 GR/ACF	B*
					7.92LB/H	B*
					SOX .04LB/MMBTU	L*
					25.00LB/H	L*
ID NUMBER MI-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
MICHIGAN SOUTH CENTRAL P*	MI 607-78	500000.00LB/H	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
ID NUMBER NY-0004	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
EASTMAN KODAK CO., KODAK*	NY C262800 025 00*	670.00MMBTU/H	N	BOILER, COAL FIRED	BE .00LB/H	B*
					CO .05LB/MMBTU	B*
					NOX .70LB/MMBTU	B*
					PM .04LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER MI-0004	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
GRAND HAVEN BOARD OF LT *	MI 541-79	710.00MMBTU/H	N	BOILER, COAL FIRED	NOX .60LB/MMBTU 30D AV	
					PM .03LB/MMBTU	
					SO2 .84LB/MMBTU 30D AV	
					.80LB/MMBTU 24H AV	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER TN-0001 SOURCE TYPE - 6.62 OTHER CHEMICAL							
TENNESSEE EASTMAN CO.	TN TN 065	780.00MMBTU/H	M	BOILER, COAL FIRED	PM	14.00LB/H	B*
					SO2	936.00LB/H	B*
ID NUMBER TN-0014 SOURCE TYPE - 9.18 TACONITE ORE PROCESSING							
TENNESSEE EASTMAN CO.	TN	780.00MMBTU/H EA	N	BOILER, 2	CO	.07LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.04LB/MMBTU	L*
					SO2	1.20LB/MMBTU	B*
					VOC	.03LB/MMBTU	L*
ID NUMBER MI-0024 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
CHAMPION INTERNATIONAL C*	MI 33-80	812.50MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	N*
					PM	.06LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AR-0013 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
NEKOOSA PAPER CO.	AR 278-AR-3	820.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER WI-0036 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
WISCONSIN ELECTRIC POWER*	WI 85-AJH-049	825.00MMBTU/H		BOILER, PFBC	BE	6.50EE-6 LB/MMBTU	B*
					CO	.09LB/MMBTU	B*
					F	.01LB/MMBTU	B*
					FU*	20.00% OPACITY	B*
					HG	1.00UG/CUBIC METER*	S*
					NOX	.50LB/MMBTU	B*
					PB	1.90EE-4 LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
						90.00% REDUCTION	N*
					VE	10.00% OPACITY	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER LA-0037	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
OLINKRAFT	LA (R)PSD-LA-037	857.00MMBTU/H	N	BOILER	PM	.10LB/MMBTU	B*
					SO2	.73LB/MMBTU	B*
ID NUMBER CA-0263	SOURCE TYPE - 6.62 OTHER CHEMICAL						
KERR-MCGEE CHEMICAL CORP.	CA NSR 4-4-1,SE 8*	96.00MW		BOILER, CFB	CO	280.00LB/H	B*
						316.00PPMVD AT 3% O2	B*
					NOX	SEE NOTES	U*
					PM	SEE NOTES	U*
					SO2	SEE NOTES	U*
ID NUMBER LA-0042	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
STONE CONTAINER CORP.	LA PSD-LA-505	1023.00MMBTU/H	N	BOILER, COAL FIRED	BE	.00LB/H	B*
					CO	47.60LB/H	B*
						.05LB/MMBTU	B*
					F	.82LB/H	B*
					NOX	716.10LB/H	B*
						.70LB/MMBTU	B*
					PM	102.30LB/H	N*
						.10LB/MMBTU	N*
					SO2	1227.60LB/H	B*
						1.20LB/MMBTU	B*
					VOC	14.30LB/H	B*
ID NUMBER PA-0035	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
J. PAGNOTTI ENTERPRISES	PA 40-306-006	1082.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.40LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.22LB/MMBTU	B*
ID NUMBER VA-0029	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
VIRGINIA POWER	VA 60163	1129.00MMBTU/H	M	BOILER, COAL FIRED, 2 EA	CO	.02LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
					SO2	1.52LB/MMBTU	
					VOC	.00LB/MMBTU	
ID NUMBER PA-0042	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PANTHER CREEK ENERGY	PA 13-306-001	1170.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.42LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.33LB/MMBTU	B*
ID NUMBER SC-0003	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WESTVACO CORP.	SC SC-037	1207.00MMBTU/H	N	BOILER, POWER, COAL	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER FL-0032A	SOURCE TYPE - 9.4 PORTLAND CEMENT MANUFACTURING						
FLORIDA CRUSHED STONE	FL FL-090	1234.00MMBTU/H	N	BOILER, FURNACE	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
						915.00LB/H MAX	
					VE	20.00% OPACITY MAX	
ID NUMBER KY-0007A	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TENNESSEE VALLEY AUTHORI*	KY C-86-82	1430.00MMBTU/H	M	BOILER, AFBC, COAL FIRED	CO	.40LB/MMBTU	N*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.86LB/MMBTU	N*
					VE	20.00% OPACITY	N*
					VOC	NONE	
ID NUMBER MA-0005	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
HOLYOKE WATER POWER CO.,*	MA APPR. LTR 10-2*	1447.00MMBTU/H	M	COAL COMBUSTION	PM	.08LB/MMBTU	R*
					S	1.21LB/MMBTU MONTH*	R*
						1.60LB/MMBTU DAILY*	R*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER KY-0007C SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
TENNESSEE VALLEY AUTHORI*	KY C 88-040	1579.00MMBTU/H	M	BOILER, AFBC, COAL FIRED	CO	.40LB/MMBTU	N*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
					VE	20.00% OPACITY	N*
ID NUMBER MA-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
TACOMA CITY LIGHT	MA (R)PSD-X-82-06	1600.00MMBTU/H	N	BOILER	NOX	.50LB/MMBTU	
						786.00LB/H	
					NOX	2926.00T/YR	
					SO2	.23LB/MMBTU	
						367.00LB/H	
					SO2	1366.00T/YR	
ID NUMBER IA-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
MUSCATINE POWER & WATER	IA	166.00MW	M	BOILER, COAL/OIL/GAS, 89	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	L*
					SO2	.45LB/MMBTU 30D R*	L*
						.56LB/MMBTU MAX D*	L*
ID NUMBER NY-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
NY STATE ELECT. & GAS - *	NY	1750.00MMBTU/H	N	BOILER, MAIN			
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.70LB/MMBTU	B*
						.60LB/MMBTU	B*
ID NUMBER MO-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SIKESTON BOARD OF MUNICI*	MO	235.00MW	N	BOILER, STEAM GENERATION, CO*	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER KS-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
BOARD OF PUBLIC UTILITIES	KS	246.00MW	N	BOILER, PULV. COAL FIRED	NOX	.70LB/MMBTU	N*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

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					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NM-0002	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PLAINS ELECT. GEN & TRANS NM (R)	PSD-NM-82	2471.00MMBTU/H	N	GENERATOR, STEAM, COAL FIRED	CO	.06LB/MMBTU	B*
					F	.00LB/MMBTU	B*
					NOX	.45LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.20LB/MMBTU	B*
ID NUMBER CO-0012	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PLATTE RIVER PWR-RAWHIDE	CO	250.00MW	N	BOILER	NOX	.50LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.13LB/MMBTU	B*
ID NUMBER NV-0002	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SIERRA PACIFIC POWER CO.	NV (R) NV 77-02	277.00MW	N	BOILER, COAL FIRED, 2	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER UT-0009A	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
INTERMOUNTAIN POWER PROJ*	UT	8352.00MMBTU	M	BOILER, COAL FIRED, 3	NOX	.55LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.02LB/MMBTU	B*
					VE	20.00% OPACITY	B*
ID NUMBER WI-0028	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WISCONSIN PUBLIC SERVICE*	WI EPA-5-77-A-4	321.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER KS-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SUNFLOWER ELECT. COOP., *	KS	3389.00MMBTU/H	N	BOILER, COAL FIRED	CO	.06LB/MMBTU 30D R*	B*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.48LB/MMBTU 30D R*	B*
ID NUMBER AZ-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
ARIZONA PUBLIC SERVICE C*	AZ AZP 78-01	350.00MW	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	
					SO2	.07LB/MMBTU	
ID NUMBER AZ-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SALT RIVER PROJECT CORON*	AZ (R)AZP76-1	350.00MW	M	GENERATING UNIT, STEAM	NOX	.70LB/MMBTU	N*
					PM	.08LB/MMBTU	
					SO2	.80LB/MMBTU	
ID NUMBER AZ-0005 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
TUCSON ELECT. POWER CO. *	AZ AZP 79-01	350.00MW	M	GENERATING UNIT, COAL FIRED	NOX	.44LB/MMBTU	
					PM	.03LB/MMBTU	
					SOX	.22LB/MMBTU	
						817.00LB/H	
ID NUMBER AZ-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
TUCSON ELECT. POWER CO. *	AZ (R)AZ77-01	350.00MW EA	N	GENERATOR, COAL FIRED, 2	NOX	.70LB/MMBTU	N*
					PM	.03LB/MMBTU	B*
					SO2	.69LB/MMBTU	B*
ID NUMBER IN-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
NORTHERN INDIANA PUBLIC *	IN EPA-5-A-80-18	3967.00(1)MBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.62LB/MMBTU	
ID NUMBER UT-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
DESERET GEN & TRANS, MOO*	UT	400.00MW		BOILER, COAL FIRED, 2 EA	NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						.02GR/DSCF	B*
					SO2	418.00LB/H	B*

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						.06LB/MMBTU	B*
					VE	20.00% OPACITY	
ID NUMBER UT-0034	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
UTAH POWER & LIGHT CO.	UT	400.00MW		BOILER, HUNTER UNIT #2	NOX	.49LB/MMBTU	B*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER WI-0029	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WISCONSIN POWER & LIGHT *	WI EPA-5-77-A-3	400.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER FL-0003	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TAMPA ELECT. CO.	FL (R)PSD-FL-040	425.00MW	M	BOILER, COAL FIRED	CO	.01LB/MMBTU	B*
						61.00LB/H	B*
					NOX	.60LB/MMBTU	B*
						2598.00LB/H	B*
					PM	.03LB/MMBTU	N*
						130.00LB/H	N*
					SO2	.82LB/MMBTU	N*
						3576.00LB/H	N*
ID NUMBER CO-0007	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COLORADO UTE-CRAIG UNIT *	CO	214.00T/H SEE N*	M	BOILER			
					NOX	.50LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.20LB/MMBTU	B*
ID NUMBER KY-0009	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
BIG RIVERS ELECT.-D.B. #*	KY C-80-41	4585.00MMBTU/H EA	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER TX-0136	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
LOWER COLORADO RIVER AUT*	TX 9231-34	4735.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO 2627.70T/YR	B*
					HG .13T/YR	B*
					H2* 954.70T/YR	B*
					NOX 12350.20T/YR	B*
					PM 622.00T/YR	B*
					SO2 20736.90T/YR	B*
					VOC 168.20T/YR	B*
ID NUMBER AL-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
AL ELEC COOP INC	AL AL 071	4805.00MMBTU/H EA	N	BOILER, LIGNITE FIRED, 4	CO 470.00LB/H	B*
					2060.00T/YR	B*
					NOX 2883.00LB/H	N*
					12628.00T/YR	N*
					PM 144.00LB/H	N*
					631.00T/YR	N*
					SO2 3803.00LB/H	N*
					16658.00T/YR	N*
ID NUMBER KY-0025	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
LOUISVILLE GAS & ELECT. *	KY C-78-34	4851.00MMBTU/H		HEAT EXCHANGER, INDIRECT	NOX .70LB/MMBTU	
					8924.00T/YR	
					PM .10LB/MMBTU	
					1275.00T/YR	
					SO2 1.20LB/MMBTU	
					10790.00T/YR	
ID NUMBER KY-0024	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
LOUISVILLE GAS & ELECT. *	KY C-79-53	4851.00MMBTU/H	N	HEAT EXCHANGER, INDIRECT	NOX .70LB/MMBTU	
					8924.00T/YR	
					PM .10LB/MMBTU	
					1275.00T/YR	
					SO2 1.20LB/MMBTU	
					10790.00T/YR	

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ID NUMBER OK-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
GRAND RIVER DAM AUTHORITY	OK PSD-OK-51	490.00MW	N	GENERATING STATION, COAL FIR*	PM	.10LB/MMBTU	
						513.10LB/H	
					SO2	1.20LB/MMBTU	
						6157.20LB/H	
ID NUMBER IN-0022 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
INDIANA STATEWIDE RURAL *	IN EPA-5-77-A-7	490.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MN-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
MINN. POWER & LIGHT CO.,*	MN EPA-5-77-A-6	500.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER SC-0010 SOURCE TYPE - 1.1 EXTERNAL COMBUSTIC.. - COAL							
S.C. PUBLIC SERVICE AUTH*	SC P/C-08-190	500.00MW		GENERATOR, #3	CO	.04LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.41LB/MMBTU	B*
ID NUMBER WY-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
PACIFIC POWER & LIGHT	WY CT-23	5020.00MMBTU/..	N	BOILER, COAL	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.20LB/MMBTU 2H AV	B*
ID NUMBER OK-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
OKLAHOMA GAS & ELECT. CO.	OK (R)PSD-OK-218	5250.00MMBTU/H	M	GENERATING UNIT, COAL FIRED,*	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.46LB/MMBTU	N*
ID NUMBER MD-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
DELMARVA POWER & LIGHT	MD 80MD01	1.20MMT/YR	M	BOILER & STORAGE PILES	PM	.03LB/MBTU	B*

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PROCESS CODE 1.1

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ID NUMBER TX-0005 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
HOUSTON LIGHTING & POWER	TX PSD-TX-33	550.00MW	N	GENERATOR, STEAM ELECTRIC, C*	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
						573.00LB/H	
ID NUMBER OK-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
OKLAHOMA GAS & ELECT. CO.	OK PSD-OK-57	550.00MW	M	BOILER, COAL FIRED	PM	.10LB/MMBTU	
						212.00LB/H	
					SO2	1.20LB/MMBTU	
						6180.00LB/H	
ID NUMBER WY-0013 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
BASIN ELECTRIC POWER COO*	WY CT-36	5513.62MMBTU/H	N	BOILER, COAL	PM	.10LB/MMBTU	N*
					SO2	.20LB/MMBTU	N*
				BOILER, COAL, 2 EA	PM	.10LB/MMBTU	N*
					SO2	.20LB/MMBTU	N*
ID NUMBER NV-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
NEVADA PWR CO.	NV NV-77-01	31250.00T/D	N	BOILER, COAL FIRED, 4	PM	11.40T/YR	
				BOILER, 4 EA	BE	NONE	
					CO	320.00LB/H	B*
						50.00PPM AT 20% EXC*	B*
					F	9.00LB/H	
					HG	NONE	
					H2*	13.00LB/H	
					NOX	2498.00LB/H	B*
						.44LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
						10.00% OPACITY	B*
					SO2	566.00LB/H	B*
						.10LB/MMBTU	B*
ID NUMBER TX-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SOUTHWESTERN PUBLIC SERV*	TX (R)PSD-TX-50	567.00MW	N	TURBINE, STEAM, COAL FIRED	PM	.10LB/MMBTU	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 508.80LB/H	
					1.20LB/MMBTU	
ID NUMBER MD-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
DELMARVA POWER & LIGHT	MD 80MD01	5702.00MMBTU/H	M	BOILER	CO .04LB/MBTU	B*
					NOX .60LB/MBTU	B*
					65.00% EMISSION RED*	B*
					SO2 .60LB/MBTU	B*
					70.00% EMISSION RED*	B*
					VE 20.00% OPACITY STACK	B*
					VOC .01LB/MBTU	B*
ID NUMBER TX-0011 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
HOUSTON LIGHTING & POWER	TX PSD-TX-234	5729.00MMBTU/H	N	BOILER, COAL FIRED	CO .06LB/MMBTU	
					NOX .50LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .36LB/MMBTU	N*
ID NUMBER WI-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WISCONSIN ELEC. POWER CO*	WI EPA-5-76-A-1	580.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU COAL	N*
					.80LB/MMBTU OIL	N*
ID NUMBER FL-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
JACKSONVILLE ELECT. 'AUTH*	FL (R)PSD-FL-010	600.00MW	N	GENERATING UNIT, STEAM, 2 EA	NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .76LB/MMBTU	B*
ID NUMBER KY-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CINCINATI GAS & ELECTRIC*	KY C-82-072	6270.00MMBTU/H	M	UNIT #1	NOX .70LB/MMBTU	
					11550.00T/YR	
					PM .10LB/MMBTU	
					1650.00T/YR	
					SO2 .84LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					13860.00T/YR	
ID NUMBER ND-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
BASIN ELECTRIC POWER COO*	ND	6278.00MMBTU/H	N	BOILER	NOX 2825.00LB/H	B*
					.45LB/MMBTU	B*
					PM 188.00LB/H	N*
					.03LB/MMBTU	N*
					SO2 2637.00LB/H	B*
					.60LB/MMBTU	B*
					SO2 30.00% OF POTENT.	C*
ID NUMBER PA-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PENNSYLVANIA ELECT. CO.	PA 78PA13	6280.00MMBTU/H	N	BOILER, UTILITY, COAL FIRED	CO .04LB/MMBTU	N*
					NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .63LB/MMBTU	B*
ID NUMBER MO-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
KANSAS CITY POWER & LIGHT MO		630.00MW	N	BOILER, PULV. COAL FIRED	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER KY-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CINCINATI GAS & ELECTRIC*	KY C-82-072	6313.00MMBTU/H	M	UNIT #2	NOX .70LB/MMBTU	
					20790.00T/YR	
					PM .10LB/MMBTU	
					2970.00T/YR	
					SO2 1.20LB/MMBTU	
					35640.00T/YR	
ID NUMBER IN-0025 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
INDIANAPOLIS POWER & LIG*	IN EPA-5-A-80-8	650.00MW	N	BOILER, COAL FIRED, 3 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 .55LB/MMBTU	

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PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER IA-0011 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
IOWA ELECTRIC LIGHT & PO*	IA	400.00T/H COAL	N	BOILER, COAL FIRED	NOX .50LB/MMBTU 30D R*	B*
					PM .03LB/MMBTU	
					SO2 .60LB/MMBTU DAILY*	B*
					VE 20.00% OPACITY	B*
ID NUMBER NE-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NE PUBLIC POWER DIST./GE*	NE	650.00MW	N	BOILER, STEAM GENERATION, CO*	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER NE-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NEBRASKA PUBLIC POWER DI*	NE	650.00MW		BOILER	CO 50.00PPM	
					NOX .50LB/MMBTU 30D AV	
					PM .03LB/MMBTU	
					SO2 70.00% REMOVAL	
					.38LB/MMBTU 30D AV	
ID NUMBER MO-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ASSOC. ELECT. COOP., INC.	MO	6588.00MMBTU/H	M	BOILER, PULV. COAL FIRED, UN*	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER KY-0027 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
KENTUCKY UTILITIES - HAN*	KY C-82-123	6650.00MMBTU/H	N	UNIT #1	CO 1397.00T/YR	
					NOX .60LB/MMBTU	
					17476.00T/YR	
					PM .03LB/MMBTU	
					874.00T/YR	
					SO2 1.20LB/MMBTU	
					15768.00T/YR	
				UNIT #2	CO 1397.00T/YR	
					NOX .60LB/MMBTU	
					17476.00T/YR	

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PROCESS CODE 1.1 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM .03LB/MMBTU	
					874.00T/YR	
					SO2 1.20LB/MMBTU	
					15768.00T/YR	
ID NUMBER KY-0003	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
E. KENTUCKY POWER CORP.	KY C-80-67	6760.00MMBTU/H EA	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	B*
ID NUMBER KY-0018	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
EAST KENTUCKY POWER COOP.	KY C-76-46	6760.00MMBTU/H	M	BOILER, PULV. COAL FIRED, DR*		
					NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
ID NUMBER TX-0015	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
SW ELECT. POWER	TX	6780.00MMBTU/H	N	BOILER, COAL FIRED, #1	CO .13LB/MMBTU	
					892.00LB/H UNCONTROL*	
					NOX .60LB/MMBTU	
					4068.00LB/H UNCONTROL*	
					PM 203.00LB/H UNCONTROL*	
					.03LB/MMBTU	
					SO2 .72LB/MMBTU	
					4882.00LB/H UNCONTROL*	
				BOILER, COAL FIRED, #2	CO .13LB/MMBTU	
					892.00LB/H UNCONTROL*	
					NOX .60LB/MMBTU	
					4068.00LB/H UNCONTROL*	
					PM 203.00LB/H UNCONTROL*	
					.03LB/MMBTU	

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REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.72LB/MMBTU	
						4882.00LB/H UNCONTROL*	
ID NUMBER TX-0009 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
CENTRAL POWER & LIGHT	TX (R)PSD-TX-365	6781.00MMBTU/H	M	BOILER, COAL FIRED	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.39LB/MMBTU	N*
ID NUMBER TX-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
WEST TEXAS UTILITIES CO.	TX 9015	6.80MMMBTU/H	N	GENERATOR, STEAM	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	N*
ID NUMBER TX-0010 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SW ELECT. POWER	TX (R)PSD-TX-130	6821.00MMBTU/H	N	BOILER, 2 EA	CO	.10LB/MMBTU	B*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.90LB/MMBTU	B*
ID NUMBER IA-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
IOWA-ILLINOIS GAS & ELEC*	IA	7000.00MMBTU/H	N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.86LB/MMBTU 24H AV	B*
						1.05LB/MMBTU 3H AV	B*
ID NUMBER KS-0010 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
KANSAS POWER & LIGHT CO.	KS	720.00MW EA	M	BOILER, COAL FIRED, #3 & 4	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER LA-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SW ELECT. POWER	LA (R)PSD-LA-117	720.00MW	M	BOILER, COAL FIRED	CO	.80LB/MMBTU	B*
				BOILER, COAL FIRED	CO	.80LB/MMBTU	B*

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PROCESS CODE 1.1 REPORT DATE 06/14/1989

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				BOILER, COAL FIRED	NOX .60LB/MMBTU	N*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	N*
				BOILER, COAL FIRED	PM .10LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	N*
				BOILER, COAL FIRED	SO2 .60LB/MMBTU	N*
ID NUMBER TX-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
SW ELECT. POWER	TX PSD-TX-64	720.00MW	M	GENERATOR, STEAM, COAL FIRED	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
					682.00LB/H	
ID NUMBER UT-0009	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
INTERMOUNTAIN PWR PROJEC*	UT	3000.00MW	N	BOILER, 4	CO 1248.00LB/H	B*
					NOX .55LB/MMBTU	B*
					PM .02LB/MMBTU	B*
					SO2 .15LB/MMBTU	B*
					VE 20.00% OPACITY	
					VOC 375.00LB/H	B*
ID NUMBER NV-0010	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
WHITE PINE POWER PROJECT	NV 996 THRU 1007	750.00MW	N	BOILER, 2 EA	CO 383.00LB/H	N*
					F 24.00LB/H	N*
					HG .05LB/H	N*
					.01G/SEC	N*
					H2* 35.60LB/H	N*
					NOX .55LB/MMBTU, BIT.*	N*
					.45LB/MMBTU, SUB.*	N*
					PM .02LB/MMBTU	B*
					160.90LB/H	B*
					SO2 .19LB/MMBTU	B*
					1490.00LB/H	B*
					VE 20.00% OPACITY	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER AR-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ARKANSAS PWR & LT CO.	AR PSD-AR-48	800.00MW	N	GENERATOR, STEAM, COAL FIRED	PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU	N*
ID NUMBER MN-0007	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NORTHERN STATE POWER CO.*	MN EPA-5-77-A-2	800.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER UT-0021	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
UTAH PWR & LT CO-HUNTER *	UT	860.00MW	M	BOILER #4	NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.12LB/MMBTU	B*
					VE	20.00% OPACITY	
ID NUMBER TX-0007	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SANDOW STEAM ELECT. STAT*	TX PSD-TX-28	890.00MW	M	BOILER, LIGNITE FIRED	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
						6827.00LB/H	
ID NUMBER MA-0006	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NEW ENGLAND POWER CO., B*	MA APPR. LTR 10-0*	10625.00MMBTU/H	M	COAL COMBUSTION			
					PM	.08LB/MMBTU	R*
					S	1.21LB/MMBTU MONTH*	R*
						2.31LB/MMBTU DAILY*	R*
ID NUMBER KY-0004	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
KENTUCKY POWER - CARR'S *	KY C-80-42	11943.00MMBTU/H EA	N	BOILER, POWER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.60LB/MMBTU	B*
ID NUMBER OH-0145	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WM. H. ZIMMER GENERATING*	OH 14-1036	11968.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	B*
					SO2	.55LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VE	20.00% OPACITY	N*
ID NUMBER IN-0023 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
INDIANA & MICHIGAN ELEC.* IN	EPA-5-78-A-1	1300.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
(1) ID NUMBER IA-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
IA SOUTHERN UTILITIES (C* IA			N	BOILER, STEAM GENERATION, CO*	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
(1) ID NUMBER PA-0047 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SIGNAL FRACKVILLE ENERGY	PA 54-306-002		N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.21LB/MMBTU	B*
(1) ID NUMBER WA-0008 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
WASHINGTON WATER POWER C*	WA (R)PSD-X-83-01		N	BOILER, CGS	BE	.02LB/H ANNUAL AV	
					CO	332.00LB/H	
					F	1.15LB/H ANNUAL AV	
					HG	.03LB/H ANNUAL AV	
					H2*	80.90LB/H ANNUAL AV	
					NOX	.50LB/MMBTU SB. C*	
						.60LB/MMBTU BIT. *	
					PB	.27LB/H ANNUAL AV	
					PM	.03LB/MMBTU	
					SO2	.22LB/MMBTU 30D R*	
						1140.00LB/H 24H D AV	
					VE	20.00% OPACITY	
					VOC	3.32LB/H	
(1) ID NUMBER KY-0012 SOURCE TYPE - 6.62 OTHER CHEMICAL							
B.F. GOODRICH CHEM. GROUP KY	KY-091		M	BOILER, COAL FIRED	PM	.03LB/MMBTU	
					SO2	1.00LB/MMBTU	

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PROCESS CODE 1.1

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
(1) ID NUMBER NC-0004	SOURCE TYPE - 6.62 OTHER CHEMICAL						
DIAMOND SHAMROCK CORP.	NC NC 058	32.50T/H	M	BOILER, SODIUM BICHROMATIC P*	PM	96.43UNKNOWN	B*
					SO2	25.00LB/MMBTU	B*
(1) ID NUMBER IN-0007	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
GRIFFIN INDUSTRIES	IN			BOILER, COAL FIRED	NOX	183.00T/YR	
PROCESS CODE -- 1.2							
ID NUMBER VA-0051	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
VA DEPT. OF HIGHWAYS & T*	VA 30641	4.20MMBTU/H	N	BOILER, CLEAVER BROOKS	AS	3.00EE-3 LB/H	
						2.00EE-3 T/YR	
					BR	1.00EE-3 LB/H	
						.03T/YR	
					CD	.01LB/H	
						2.00EE-3 T/YR	
					CR	.01LB/H	
						2.00EE-3 T/YR	
					PM	.34LB/H	
						.19T/YR	
					SO2	7.91LB/H	
						4.54T/YR	
					VOC	1.85LB/H	
						1.06T/YR	
ID NUMBER FL-0012	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING						
OSCEOLA FARMS CO.	FL FL-0012	1.10BBL/H #6 *	N	BOILER, #6 OIL	PM	.10LB/MMBTU INPUT	B*
					SO2	1.00% MAX S OIL	B*
					VE	30.00% OPACITY	B*
					VOC	2.00LB/T	S*

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PROCESS CODE 1.2 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER OH-0117	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
OWENS-ILLINOIS INC.	OH 04-367	10.30MMBTU/H	N	BOILER, OIL FIRED, 3 EA	CO	.04LB/MMBTU	S*
					NOX	.15LB/MMBTU	S*
					PM	.02LB/MMBTU	S*
					SO2	.52LB/MMBTU	S*
					VOC	.00LB/MMBTU	S*
ID NUMBER UT-0024	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
PARAHO DEVELOPMENT CORP.	UT	14.50MMBTU/H 8*	N	BOILER, PACKAGE	CO	5.00LB/MGAL	
					NOX	22.00LB/MGAL	
					PM	2.00LB/MGAL	
					SO2	.50% S CONTENT	
					VOC	1.00LB/MGAL	
ID NUMBER FL-0011	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING						
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	3.13BBL/H #6 *	N	BOILER, #6 OIL	SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	
ID NUMBER OH-0088	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
GMC-CPC HAMILTON-FAIRFIE*	OH 14-1074	27.00MMBTU/H	N	BOILER, WASTE OIL FIRED	AS	SEE NOTES	B*
					CD	SEE NOTES	B*
					CR	SEE NOTES	B*
					PB	SEE NOTES	B*
					SO2	1.10LB/MMBTU	B*
ID NUMBER CA-0113A	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
BERRY HOLDING CO.	CA SEE NOTE	31.50MMBTU/H	M	GENERATOR, STEAM	NOX	.20LB/MMBTU	B*
						6.26LB/H	B*
				GENERATOR, STEAM	NOX	.20LB/MMBTU	B*
						6.26LB/H	B*
					SO2	2.24LB/H	B*
						.05LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER CA-0279	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
DELANO GROWERS GRAPE PRO*	CA 3046004A	32.00MMBTU/H	M	BOILER, OIL FIRED	NOX	10.60LB/H	
ID NUMBER DE-0004	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
A.I. DUPONT INSTITUTE	DE (R)79-DE-01	37.50MMBTU/H	M	BOILER, 3	CO	2.50LB/H	B*
					NOX	30.00LB/H	B*
					PM	.58LB/H	B*
					SO2	66.70LB/H	B*
					VOC	.50LB/H	B*
ID NUMBER OH-0022	SOURCE TYPE - 8.5 IRON & STEEL PRODUCTION						
TIMKEN CO.	OH 1576051246	40.00MMBTU/H	N	BOILER, 3 EA	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
ID NUMBER CA-0116B	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
PETRO-LEWIS CORP.	CA SJ 83-09	50.00MMBTU/H	N	BOILER, 5, EA	NOX	.12LB/MMBTU	L*
					SO2	.05LB/MMBTU	B*
ID NUMBER CA-0037	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	390.00GAL/H	M	BOILER, 9 EA	PM	3.60LB/H	L*
					SO2	18.80LB/H	B*
ID NUMBER GA-0013	SOURCE TYPE - 4.15 GRAPHIC ARTS - OTHER						
M.F. HALL PRINTING CO.	GA 2754-036-8480	60.00MMBTU/H	N	BOILER, 2	PM	.10LB/MMBTU	N*
					SO2	246.00LB/H	N*
						.80LB/MMBTU	N*
ID NUMBER CA-0252A	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
SIMPSON PAPER CO.	CA 86-176	60.08MMBTU/H	N	BOILER, RESIDUAL OIL	SOX	250.00LB/D	
ID NUMBER MA-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
NATICK PAPERBOARD	MA 24-119-MA-13	60.13MMBTU/H	M	BOILER, OIL FIRED REPLACEMENT	PM	.10LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	145.94LB/H	B*
ID NUMBER CA-0069	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
ANGUS PETROTECH	CA 4132002-004	62.50MMBTU/H	N	BOILER, OIL FIRED	NOX	199.00LB/D	
					SO2	61.40LB/D	
ID NUMBER CA-0113A	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
BERRY HOLDING CO.	CA SEE NOTE	62.50MMBTU/H	M	GENERATOR, STEAM, OIL FIRED	NOX	7.50LB/H	B*
				GENERATOR, STEAM, OIL FIRED	NOX	7.50LB/H	B*
					SO2	4.45LB/H	B*
ID NUMBER NC-0034	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
ALLIED CORP.	NC 2657R5	64.20MMBTU	M	BOILER, #6 FUEL OIL	NOX	.40LB/MMBTU	
					PM	.12LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER OH-0112	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
GENERAL MILLS, INC.	OH 04-355	71.50MMBTU/H	M	BOILER, OIL FIRED	NOX	.01LB/MMBTU	S*
					PM	.10LB/MMBTU	S*
					SO2	1.00LB/MMBTU	S*
ID NUMBER WI-0037	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
WISCONSIN TISSUE MILL, I*	WI 86-DLJ-075	72.40MMBTU/H	M	BOILER, #B22 & B23, AVG	NOX	.38LB/MMBTU	B*
					PM	.09MMBTU/H	B*
					SO2	1.10LB/MMBTU	B*
ID NUMBER WI-0043	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
WISCONSIN TISSUE MILLS	WI 88-DLJ-073	75.00MMBTU/H	M	BOILER, #4, # 2 OIL FIRED	CO	5.36LB/H	U*
						.07LB/MMBTU	U*
					NOX	.30LB/MMBTU	B*
					PM*	1.07LB/H	B*
						.01LB/MMBTU	B*
					SO2	22.40LB/H	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
						.30LB/MMBTU	B*
					VE	15.00% OPACITY	B*
				BOILER, #4, #6 OIL FIRED	BE	4.10EE-4 LB/H	B*
					CO	5.36LB/H	U*
						.07LB/MMBTU	U*
					NOX	.30LB/MMBTU	B*
					PM*	5.68LB/H	B*
						.08LB/MMBTU	B*
					SO2	65.80LB/H	B*
						.88LB/MMBTU	B*
					VE	15.00% OPACITY	B*
ID NUMBER TX-0074	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	77.00MMBTU/H EA	M	BOILER, OIL, 3	CO	2.70LB/H EA	B*
						.04LB/MMBTU	B*
					NOX	32.10LB/H EA	B*
						.42LB/MMBTU	B*
ID NUMBER MD-0013	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
HOOKER CHEMICAL & PLASTI*	MD 78M007	81.90MMBTU/H	M	BOILER, OIL FIRED	SO2	355.10LB/H	B*
ID NUMBER GA-0002	SOURCE TYPE - 6.62 OTHER CHEMICAL						
PROCTOR & GAMBLE	GA GA 008	87.50MMBTU/H	N	BOILER	SO2	1.00% S OIL	
ID NUMBER VA-0044	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TULTEX CORP.	VA 30244	93.30MMBTU/H	N	BOILER, OIL FIRED, CLEAVER-B*	CO	3.33LB/H	
						8.75T/YR	
					NO2	.14LB/MMBTU	
						13.33LB/H	
					PM	1.33LB/H	
						3.50T/YR	
					SO2	.51LB/MMBTU	
						47.34LB/H	
					VOC	.26LB/H	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						1.14T/YR	
ID NUMBER IA-0003	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
AM. MODERN FOOD ENERGY S*	IA	94.50MMBTU/H	N	BOILER, OIL/GAS, 2 EA	NOX	.25LB/MMBTU OIL	B*
						.20LB/MMBTU NAT G*	B*
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	B*
ID NUMBER GA-0003	SOURCE TYPE - 6.55 SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM	.16LB/MMBTU	B*
ID NUMBER VA-0007	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	VA 79VA15	98.00MMBTU/H	N	BOILER	SO2	1.07LB/MMBTU	B*
ID NUMBER AL-0036	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
GENERAL ELECTRIC	AL 297-0008-X014,*	99.48MMBTU/H	N	BOILER, FUEL OIL	NOX	14.90LB/H	B*
						.15LB/MMBTU	B*
ID NUMBER TX-0080	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
PROCTOR & GAMBLE PAPER P*	TX PSD-TX-89	100.00MMBTU/H	N	GENERATOR, STEAM	NOX	30.00LB/H	
					PM	6.90LB/H	
					SO2	75.90LB/H	
ID NUMBER VA-0030	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY OF VIRGINIA	VA (3)40200	103760.00GAL/YR	N	BOILER, #6 OIL FIRED, #4	CO	.04LB/MMBTU	
						4.50LB/H	
					NOX	.45LB/MMBTU	
						50.25LB/H	
					PM	.15LB/MMBTU	
						17.25LB/H	
					SO2	2.09LB/MMBTU	
						23.55LB/H	
					VOC	.57LB/H	

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PROCESS CODE 1.2 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.09T/YR	
ID NUMBER NC-0012	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H EA	N	BOILER	SO2	1.30LB/MMBTU	B*
ID NUMBER OH-0094	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
GEORGIA-PACIFIC CORP.	OH 14-1043	118.00MMBTU/H	N	BOILER, #6 OIL FIRED	NOX	.30LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					SO2	1.06LB/MMBTU	B*
ID NUMBER CA-0007	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
TOSCO CORP.	CA (R)SJ-78-26	92700.00LB/H	M	BOILER, CO	CO	45.70LB/H	L*
					NOX	41.00LB/H	B*
					SO2	.50% S FUEL	L*
ID NUMBER LA-0035	SOURCE TYPE - 6.62 OTHER CHEMICAL						
ALLIED CHEMICAL CORP.	LA (R)PSD-LA-104	131.00MMBTU/H	N	BOILER	NOX	.30LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.07LB/MMBTU	B*
					VOC	.01LB/MMBTU	B*
ID NUMBER OH-0071	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
DELCO MORAINE DIV., GMC	OH 08-654	144.00MMBTU/H	M	BOILER, OIL FIRED	PM	.08LB/MMBTU	B*
					SO2	1.30LB/MMBTU	S*
					VE	5.00% OPACITY	B*
ID NUMBER ME-0006	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEW ENGLAND ETHANOL, INC.	ME 2191	175.00MMBTU/H	N	BOILER, #2 OIL			
ID NUMBER IN-0001	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEW ENERGY CORP.	IN EPA-5-A-82-1	176.00MMBTU/H	N	BOILER, OIL FIRED	NOX	.60LB/MMBTU	
					PM	.02LB/MMBTU	L*
					SO2	.31LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER TX-0013 SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-209	185.00MMBTU/H	N	BOILER, 2 EA	NOX	.30LB/MMBTU	B*
						55.00LB/H	B*
					PM	.10LB/MMBTU	B*
						18.35LB/H	B*
					SO2	.50LB/MMBTU	B*
						92.10LB/H	B*
ID NUMBER NY-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
NY STATE ELECT. & GAS - *	NY	195.00MMBTU/H	N	BOILER, AUXILIARY, 2			
ID NUMBER VA-0141 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS							
HOPEWELL COGENERATION LI*	VA 50967	197.00MMBTU/H	N	BOILER, AUX, OIL FIRED, 2 EA	CO	17.10LB/H	
						74.90T/YR	
					NO2	.10LB/MMBTU	
						19.70LB/H	
					PB	1.10EE-3 LB/H	
						4.82EE-3 T/YR	
					PM	.10LB/MMBTU	
						19.70LB/H	
					SO2	.20LB/MMBTU	
						39.40LB/H	
					VOC	1.00LB/H	
						4.30T/YR	
ID NUMBER LA-0030 SOURCE TYPE - 6.62 OTHER CHEMICAL							
SHELL CHEMICAL CO.	LA	198.50MMBTU/H EA	N	BOILER, 2 TEMPORARY	CO	.03LB/MMBTU	B*
						6.53LB/H EA	B*
					NOX	.30LB/MMBTU	B*
						59.60LB/H EA	B*
					PM	.10LB/MMBTU	B*
						19.90LB/H EA	B*
					SO2	.75LB/MMBTU	B*
						148.90LB/H EA	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER AL-0004	SOURCE TYPE - 8.17 LEAD OXIDE AND PIGMENT PRODUCTION						
DEGUSSA CHEM CORP.	AL AL 072	205.68MMBTU/H	M	BOILER, HEAT, FUEL OIL/NAT G*	NOX	.40LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NC-0021	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
CRANSTON PRINT WORKS	NC NC-030	243.00MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER FL-0010	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING						
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H STEAM	N	BOILER, BAGASSE/RESIDUE, #8 *	PM	.10LB/MMBTU	B*
					SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	B*
					VOC	SEE NOTE	L*
ID NUMBER FL-0022	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
PORT ST. JOE	FL FL-075	756.00MMBTU/H	N	BOILER, OIL FIRED	CO	25.20LB/H	N*
					NOX	226.80LB/H	N*
					PM	75.60LB/H	N*
					SO2	604.80LB/H	N*
(1) ID NUMBER IN-0024	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
NORTHERN INDIANA PUBLIC *	IN EPA-5-79-A-25		N	GENERATOR, OIL FIRED, 2	NOX	75.00PPM	
(1) ID NUMBER NC-0009	SOURCE TYPE - 6.55 SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	NC NC-024		N	BOILER	SO2	106.00LB/H	B*
(1) ID NUMBER NC-0010	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MEREDITH/BURDA, INC.	NC NC-064	3366.00LB/H PAPER	N	BOILER	PM	4.00LB/H	B*
(1) ID NUMBER AL-0039	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
MEAD COATED BOARD	AL 211-0004	1500.00ADTP/D	N	BOILER, RECOVERY, #2	CO	879.00PPMV AT 8% O2	B*

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PROCESS CODE 1.2 REPORT DATE 06/14/1989

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					H2*	20.00LB/H	B*
					NOX	112.00PPMV AT 8% O2	B*
					PM	.04GR/DSCF AT 8% *	B*
						106.00LB/H	B*
					SO2	144.00PPMV AT 8% O2	B*
						404.00LB/H	B*
					TRS	5.00PPMV AT 8% O2	B*
					VE	35.00% OPACITY	N*
					VOC	.03LB/MMBTU	B*
(1) ID NUMBER AR-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
NEKOOSA PAPER CO.	AR 278-AR-3	4.40MMLB/D BLS	M	BOILER, RECOVERY	PM	.04GR/DSCF	B*
					SO2	250.00PPM	B*
					TRS	5.00PPM	N*
					VE	20.00% OPACITY	B*
(1) ID NUMBER WI-0020	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
A.O. SMITH CORP.	WI ATT-03-80-41-0*		M	BOILER	PM	.15LB/MMBTU	

PROCESS CODE -- 1.3

ID NUMBER OH-0104	SOURCE TYPE - 8.22 OTHER METALLURGICAL PROCESSES						
HALE CHROME SERVICE	OH 04-344	1.05MMBTU/H	N	BOILER, GAS FIRED	PM	.02LB/MMBTU	S*
ID NUMBER CA-0149	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
ROCKWELL INTERNAT. MICRO*	CA 1291	50.00HP	N	BOILER, GAS FIRED	NOX	.04LB/H .18T/YR	
ID NUMBER OK-0006	SOURCE TYPE - 5.16 PETROLEUM INDUSTRY -- OTHER						
COLORADO INTERSTATE GAS	OK (R)PSD-OK-358	2.60MMBTU/H	N	BOILER	CO	.05LB/H	B*

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PROCESS CODE 1.3 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	.32LB/H	B*
					PM	.01LB/H	B*
					SO2	.00LB/H	B*
ID NUMBER OH-0155	SOURCE TYPE - 2.3 OTHER SOLID WASTE DISPOSAL						
BFI OF OHIO & MICHIGAN, *	OH 04-429	3.30MMBTU/H	N	BOILER, GAS FIRED, 2 EA	NOX	.01LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					VE	.00% OPACITY	B*
ID NUMBER CO-0013	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
RIO BLANCO OIL SHALE-#1	CO	5.00MMBTU/H	M	HEATER	NOX	1.00LB/H	B*
ID NUMBER OH-0096A	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
BARON DRAWN STEEL	OH 04-363	6.00MMBTU/H	N	BOILER, GAS FIRED, 2 EA	PM	.02LB/MMBTU	S*
					SO2	6.00EE-4 LB/MMBTU	S*
ID NUMBER MS-0003	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
SOUTHERN NAT. GAS	MS (R)PSD-MS-036	14000.00CF/H N. G.	M	ENGINE, NAT GAS	CO	10.50LB/H	N*
						46.20T/YR	N*
					NOX	37.40LB/H	N*
						163.90T/YR	N*
ID NUMBER OH-0107	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
KAISER ALUMINUM & CHEMIC*	OH 04-348	16.80MMBTU/H	N	BOILER, GAS FIRED	CO	.02LB/MMBTU	S*
					NOX	.10LB/MMBTU	S*
					PM	.02LB/MMBTU	S*
					SO2	8.30EE-4 LB/MMBTU	S*
					VOC	.01LB/MMBTU	S*
ID NUMBER TX-0081	SOURCE TYPE - 9.8 GLASS FIBER MANUFACTURING						
PPG INDUSTRIES, INC.	TX (R)PSD-TX-290	20.92MMBTU/H	N	BOILER, 2	NOX	4.80LB/H	B*
						.23LB/MMBTU	B*
					PM	.30LB/H	
						.01LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.01LB/H	B*
						.00LB/MMBTU	B*
ID NUMBER CA-0193	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
NAVAL STATION TREASURE I*	CA 30543	24.00MMBTU/H	N	BOILER, STEAM	NOX	40.00PPMVD AT 3% O2	
						.05LB/MMBTU	
ID NUMBER WY-0014	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
EXXON CO., USA	WY CT-544	26.00MMBTU/H	N	BOILER, 3 EA	NOX	.17LB/MMBTU	B*
ID NUMBER WY-0016	SOURCE TYPE - 7.6 FERTILIZER PLANTS						
WYCON CHEMICALS	WY CT-564	26.00MMBTU/H	M	BOILER, AMMONIA PLT	NOX	.23LB/MMBTU	S*
				BOILER, UREA PLT	NOX	.23LB/MMBTU	S*
ID NUMBER CA-0281	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
VENTURA COASTAL CORP.	CA 278	27.20MMBTU/H		BOILER, CLEAVER-BROOKS MODEL*	CO	4.03LB/H	
						156.00PPMV	
					NOX	.89LB/H	
						22.00PPMV AT 3% O2	
					ROC	2.07LB/H	
						64.00PPMV	
ID NUMBER CA-0234	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
VENTURA COASTAL CORP.	CA 278-4	31.40MMBTU/H	M	BOILER, CLEAVER BROOKS MODEL*	NOX	25.70LB/D	B*
						30.00PPMVD AT 3% O2	B*
ID NUMBER CA-0231	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
DOUGLAS AIRCRAFT CO.	CA 144594 THRU 96	33.50MMBTU/H	N	BOILER, 3 EA	NOX	68.00LB/D TOTAL	B*
						35.00PPMVD AT 3% O2	B*
ID NUMBER IN-0030	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
FRITO-LAY, INC.	IN PC (12) 1603	33.50MMBTU/H		BOILER, NAT GAS FIRED	NOX	SEE NOTES	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER TX-0024	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	35.00MMBTU/H	N	BOILER, AUXILIARY, NAT GAS F*	NOX	.00LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
ID NUMBER MI-0109	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
DOW CHEMICAL CO.	MI 582-88A	40.35MMBTU/H		BOILER, 2 EA	NOX	.07LB/MMBTU	B*
ID NUMBER CA-0166	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
FOLSOM PRISON	CA 8350-1,8379-80	48.00MMBTU/H	N	BOILER, 2 EA	NOX	40.00PPMVD AT 3% O2	
ID NUMBER WY-0011	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
CIG	WY CT-58	48.40MMBTU/H	N	BOILER, GAS, 2	NOX	.20LB/MMBTU	S*
ID NUMBER TX-0079A	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
SHINTECH, INC.	TX (R)PSD-TX-327	55.00MMBTU/H	M	BOILER, STEAM	NOX	.12LB/MMBTU	B*
				BOILER, STEAM	NOX	.12LB/MMBTU	B*
ID NUMBER TX-0079	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
SHINTECH, INC.	TX PSD-TX-285	55.00MMBTU/H EA	M	BOILER, 2	PM	.30LB/H	
ID NUMBER CA-0195	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
MCCLELLAN AFB, U.S. GOVE*	CA 8184 & 8186	62.00MMBTU/H	M	BOILER	NOX	40.00PPMVD AT 3% O2	
ID NUMBER CA-0161A	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4012428-431,43*	62.50MMBTU/H	N	GENERATOR, GAS FIRED, 10	PM	.27LB/H	
						4.30EE-3 LB/MMBTU	
ID NUMBER CA-0112C	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4013123 - 139	62.50MMBTU/H	N	GENERATOR, GAS FIRED, 6 EA	H2*	.34LB/H TOTAL	
ID NUMBER WY-0008	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
AMOCO PRODUCTION CO.	WY CT-272	65.50MMBTU/H	N	BOILER, GAS, 2 EA	NOX	.20LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER OH-0116B SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
SUN REFINING & MARKETING*	OH 04-420	68.00MMBTU/H	N	BOILER, GAS FIRED	NOX	.12LB/MMBTU	S*
					PM	5.00LB/CF	S*
					SO2	.10GR H2S/DSCF	N*
ID NUMBER CA-0187A SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
CALIFORNIA DEPT. OF CORR*	CA 8715 A & B	71.30MMBTU/H T*	N	BOILER, 2	NOX	81.60LB/D, NAT GAS	B*
						250.00LB/D, #2 OIL	B*
					SO2	208.00LB/D	B*
						.13LB/MMBTU	B*
ID NUMBER WI-0037A SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
WISCONSIN TISSUE MILLS, *	WI 88-DLJ-024	146.40MMBTU/H		BOILER, 2 TOTAL			
					NOX	.38LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					SO2	1.10LB/MMBTU	B*
ID NUMBER IN-0027 SOURCE TYPE - 8.5 IRON & STEEL PRODUCTION							
I/N TEK	IN PSD (71) 1664	73.20MMBTU/H		BOILER, NAT GAS FIRED, 2 EA	NOX	.05LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					VE	20.00% OPACITY	B*
ID NUMBER WI-0043 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
WISCONSIN TISSUE MILLS	WI 88-DLJ-073	75.00MMBTU/H	M	BOILER, #4, NAT GAS FIRED	CO	5.36LB/H	U*
						.07LB/MMBTU	U*
					NOX	.30LB/MMBTU	B*
					PM*	.38LB/H	B*
						.01LB/MMBTU	B*
					SO2	.38LB/H	S*
						.01LB/MMBTU	S*
					VE	15.00% OPACITY	B*
ID NUMBER AR-0002A SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS							
ARKANSAS EASTMAN CO.	AR 829-A	78.00MMBTU/H	N	BOILER, #4	CO	2.90LB/H	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	13.30LB/H	A*
					PM	.40LB/H	A*
					SO2	1.20LB/H	
					VOC	.30LB/H	A*
ID NUMBER LA-0031	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
HILL PETROLEUM CO.	LA (R)PSD-LA-286A	78.15MMBTU/H	M	BOILER	CO	4.00LB/MMBTU GAS	
						1.50LB/MMBTU PROPA*	
					NOX	.10LB/MMBTU GAS	
						.11LB/MMBTU PROPA*	
ID NUMBER PA-0052	SOURCE TYPE - 3.1 NATURAL GAS TURBINES						
AMTRAK	PA 88001	90.00MMBTU/H	N	BOILER, 2	NOX	5.87LB/H	B*
						.10LB/MMBTU	B*
					PM	.10LB/MMBTU	N*
ID NUMBER CA-0122	SOURCE TYPE - 3.1 NATURAL GAS TURBINES						
GILROY ENERGY CO.	CA SFB 84-04	90.00MMBTU/H	N	BOILER, AUXILIARY, 2	NOX	40.00PPMDV AT 3% O2	
ID NUMBER IL-0020	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
ARCHER DANIELS MIDLAND	IL 81 07 0035	90.00MMBTU/H	M	BOILER, NAT GAS FIRED	NOX	.17LB/MMBTU	
ID NUMBER WY-0009	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
CHEVRON USA, INC.	WY CT-297	93.80MMBTU/H		BOILER, GAS, 6 EA	NOX	.20LB/MMBTU	B*
ID NUMBER TX-0037	SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE						
TEX-USS	TX (R)PSD-TX-336	99.00MMBTU/H	M	BOILER, STEAM	NOX	.11LB/MMBTU	B*
				BOILER, STEAM	NOX	.11LB/MMBTU	B*
ID NUMBER AL-0036	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
GENERAL ELECTRIC	AL 297-0008-X014,*	99.48MMBTU/H	N	BOILER, NAT GAS	NOX	9.90LB/H	B*
						.10LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER CA-0290	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
SMUD/CAMPBELL SOUP CO.	CA 8577-8584	100.00MMBTU/H	M	BOILER, 4 EA	NOX	1734.00LB/D	B*
						40.00PPMVD AT 3% O2	B*
ID NUMBER WY-0015	SOURCE TYPE - 7.6 FERTILIZER PLANTS						
CHEVRON CO., USA	WY CT-550	105.60MMBTU/H	N	BOILER, 2 EA	NOX	.20LB/MMBTU	S*
ID NUMBER MS-0009	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
NEWSPRINT SOUTH, INC.	MS 0960-00015	137.27MMBTU/H	N	BOILER, NAT GAS	CO	5.50LB/H	B*
					NOX	.20LB/MMBTU	N*
ID NUMBER CA-0249A	SOURCE TYPE - 3.1 NATURAL GAS TURBINES						
BAF ENERGY	CA 4211 & 4212	150.00MMBTU/H	N	BOILER, AUXILIARY, 2	CO	63.60LB/D	B*
						.02LB/MMBTU	B*
					NOX	17.40LB/D EA	B*
						40.00PPMVD AT 3% O2*	B*
					SO2	181.00LB/D	B*
ID NUMBER CA-0097	SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING						
STANISLAUS FOOD PRODUCT *	CA 3-019-04	125000.00LB/H STEAM	N	BOILER, STEAM, NAT GAS	NOX	65.00PPM AT 3% O2	L*
ID NUMBER IA-0012	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
GRAIN PROCESSING CORP.	IA	169.00MMBTU/H	N	BOILER, GAS FIRED, 2 EA	NOX	.25LB/MMBTU, 24 H*	B*
ID NUMBER VA-0141	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
HOPEWELL COGENERATION LI*	VA 50967	197.00MMBTU/H	N	BOILER, AUX, NAT GAS FIRED, *	CO	17.10LB/H	
						74.50T/YR	
					NO2	.10LB/MMBTU	
						19.70LB/H	
					PM*	.10LB/MMBTU	
						19.70LB/H	
					SO2	2.00EE-4 LB/MMBTU	
						.04LB/H	
					VOC	1.00LB/H	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						4.30T/YR	
ID NUMBER OH-0148	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
CHAMPION, INTERNATIONAL	OH 14-1491	197.00MMBTU/H	N	BOILER, GAS FIRED	NOX	.20LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
ID NUMBER CO-0013	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
RIO BLANCO OIL SHALE-#1	CO	198.00MMBTU/H	M	BOILER, 2	NOX	39.60LB/H	B*
ID NUMBER WV-0003	SOURCE TYPE - 6.62 OTHER CHEMICAL						
PPG INDUSTRIES, INC.	WV 79WV06	243.00MMBTU/H	M	BOILER	NOX	.70LB/MBTU	B*
ID NUMBER AL-0036	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
GENERAL ELECTRIC	AL 297-0008-X014,*	246.90MMBTU/H	N	BOILER, NAT GAS	NOX	.15LB/MMBTU	B*
						37.00LB/H	B*
ID NUMBER LA-0060	SOURCE TYPE - 6.27 ETHYLBENZENE/STYRENE						
CHEVRON CHEMICALS	LA 2560-00007-00	303.00MMBTU/H	N*	BOILER, GAS FIRED	CO	.05LB/MMBTU	B*
					NOX	.11LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
ID NUMBER LA-0014	SOURCE TYPE - 6.62 OTHER CHEMICAL						
BASF WYANDOTTE CO.	LA	303.00MMBTU/H	M	BOILER, STEAM	NOX	36.40LB/H	B*
						.12LB/MMBTU	B*
ID NUMBER SC-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WILLAMETTE INDUSTRIES	SC 1680-0043	305.00MMBTU/H	N	BOILER, GAS FIRED	CO	12.00LB/H	B*
					NOX	.20LB/MMBTU	N*
					VE	20.00% OPACITY	S*
ID NUMBER LA-0060	SOURCE TYPE - 6.27 ETHYLBENZENE/STYRENE						
CHEVRON CHEMICALS	LA 2560-00007-00	370.40MMBTU/H	N*	BOILER, GAS FIRED	CO	.06LB/MMBTU	N*
					NOX	.10LB/MMBTU	N*
					PM	.01LB/MMBTU	N*

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PROCESS CODE 1.3 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER CA-0292	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
WESTINGHOUSE ELECTRIC CO*	CA 883	380.00MMBTU/H	N	GENERATOR, STEAM, NAT GAS FI*	NOX	140.00LB/D	B*
						.02LB/MMBTU	B*
ID NUMBER LA-0060	SOURCE TYPE - 6.27 ETHYLBENZENE/STYRENE						
CHEVRON CHEMICALS	LA 2560-00007-00	543.00MMBTU/H	N*	BOILER, GAS FIRED, 3 EA	CO	.05LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
ID NUMBER LA-0041B	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	LA PSD-LA-544	987.00MMBTU/H	N	BOILER, NAT GAS FIRED	CO	.12LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
(1) ID NUMBER MI-0013	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
CONSUMERS POWER CO.	MI 99-81	175.00MLB/H	N	BOILER, NAT GAS, 3 EA	NOX	.20LB/MMBTU	
(1) ID NUMBER IA-0021	SOURCE TYPE - 4.2 SURFACE COATING - PAPERS/FABRICS						
H. P. SMITH	IA		N	COMBUSTION UNITS (15)			
(1) ID NUMBER TN-0004	SOURCE TYPE - 4.2 SURFACE COATING - PAPERS/FABRICS						
INTERNAT. LABEL MFG. FAC.	TN PSD-TN-060		N	BOILER, NAT GAS, 3 EA	SO2	152.88T/YR	B*
(1) ID NUMBER CA-0161	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4013140-4013143		M	GENERATOR, STEAM, 4	PM	4.80LB/D	L*
(1) ID NUMBER MS-0004	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
REPUBLIC REFINING CO.	MS (R)PSD-MS-037	50.00MMCF/D	N	BOILER, SULFUR RECOVERY, NAT*	SO2	.00LB/H EA	B*

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PROCESS CODE 1.4 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE -- 1.4						
ID NUMBER VA-0052 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
D-SCAN FURNITURE, INC.	VA 30813	5.02MMBTU/H	N*	BOILER, WOODWASTE	CO 2.51LB/H 11.00T/YR	
					NO2 .21LB/H .93T/YR	
					PM .30LB/MMBTU 1.51LB/H	
					SO2 2.55LB/H 11.17T/YR	
					VOC .44LB/H 1.93T/YR	
ID NUMBER VA-0132 SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
TAYLOR-RAMSEY CORP.	VA 30473	750.00LB/YR	N	BOILER/GENERATOR	CO .48LB/MMBTU 2.00LB/H	
					FO* .12LB/H .52T/YR	
					PM .20LB/MMBTU .85LB/H	
ID NUMBER NC-0031 SOURCE TYPE - 4.4 SURFACE COATING - METAL FURNITURE						
KINCAID FURNITURE CO., I*	NC 5276	11.60MMBTU	M	BOILER, WOOD WASTE, 2		
ID NUMBER VA-0100 SOURCE TYPE - 4.1 SURFACE COATING - CANS/COILS						
STUART FLOORING CORP.	VA 30185	14.55MMBTU/H	N	BOILER, WOODWASTE	PM .30LB/MMBTU 4.37LB/H	
ID NUMBER NC-0022 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
CROWN WOOD PRODUCTS	NC 4819	22.30MMBTU/H	M	BOILER, WOOD FIRED	VOC 917.00T/YR	B*

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PROCESS CODE 1.4

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NC-0045 SOURCE TYPE - 4.17 SURFACE COATING OF WOOD FURNITURE							
THOMASVILLE FURNITURE IN*	NC 6382	23.03MMBTU/H, *	N	BOILER, WOOD FIRED, 3 EA			
ID NUMBER ME-0004 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
LOUISIANA-PACIFIC CORP.	ME	24.60MMBTU/H	N	BOILER, WOOD, #1	PM	.15LB/MMBTU	B*
				BOILER, WOOD, #2	PM	.15LB/MMBTU	B*
ID NUMBER VA-0043 SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE							
ERATH VENEER CORP. OF VA	VA 30392	31.50MMBTU/H	N	BOILER, WOODWASTE FIRED	CO	.89LB/MMBTU	
						28.00LB/H	
					PM	.27MMBTU/H	
						8.51LB/H	
					SO2	.53LB/H	
						.23T/YR	
					VOC	.16LB/MMBTU	
						4.90LB/H	
ID NUMBER TX-0145 SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE							
TEXAS ELECTRIC COOP.,INC.	TX 9369	35.00MMBTU/H	N	BOILER	CO	1.10LB/MMBTU	B*
					NOX	.08LB/MMBTU	B*
					PM	.30LB/MMBTU	B*
					SO2	.20LB/MMBTU	B*
					VOC	.20LB/MMBTU	B*
ID NUMBER ME-0004 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
LOUISIANA-PACIFIC CORP.	ME	36.40MMBTU/H	N	DRYER, WOOD FIRED, #1	PM	1.84LB/T WAFER BD	B*
				DRYER, WOOD FIRED, #2	PM	1.84LB/T WAFER BD	B*
ID NUMBER FL-0029A SOURCE TYPE - 3.1 NATURAL GAS TURBINES							
KISSIMMEE UTILITIES	FL AC 49-74856	41.70MMBTU/H	N	BOILER, WASTE HEAT	SO2	.50LB/MMBTU	
ID NUMBER VA-0092 SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE							
WOOD PRESERVERS, INC.	VA (5)40150	48.00MMBTU/H	N	BOILER, WOOD WASTE FIRED	AG	72000.00LB/H	
					AS	.43LB/H	

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PROCESS CODE 1.4

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					BE 3.10EE-4 LB/H	
					CD 2.20EE-3 LB/H	
					CO 21.60LB/H	
					48.80T/YR	
					CR .18LB/H	
					CU .29LB/H	
					HG .04LB/H	
					NA* 99.99% DRE REQUIRED	
					NI .19LB/H	
					NO2 3.70LB/H	
					8.30T/YR	
					PM .20LB/MMBTU	
					9.84LB/H	
					SB .43LB/H	
					SE 360.00LB/H	
					TL 360.00LB/H	
					VOC 7.60LB/H	
					17.10T/YR	
					ZN 950.00LB/H	
ID NUMBER ID-0001	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE					
CO-GEN., INC.	ID (R)PSD-X81-16	6.00MW	N	BOILER	CO .22LB/MMBTU	B*
					117.60T/YR	B*
					NOX .17LB/MMBTU	B*
					88.20T/YR	B*
					PM .03LB/MMBTU	
					16.60T/YR	
					VOC .08LB/MMBTU	B*
					117.60T/YR	B*
ID NUMBER CA-0172	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE					
AUBERRY ENERGY, INC.	CA 3060020101-106	18.40T/H LUMBER	N	COGENERATION FAC., WOOD FIRED	NOX .14LB/MMBTU	
					PM .01GR/DSCF AT 12%*	

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ID NUMBER ME-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
J.M. HUBER CORP.	ME	84.00MMBTU/H	N	BOILER, WOOD	PM	.12LB/MMBTU	B*
					SO2	100.00LB/H	B*
						1000.00LB/D	B*
					SO2	50.00T/YR	B*
ID NUMBER ID-0005	SOURCE TYPE - 10.4 PLYWOOD PLANTS						
EVERGREEN FOREST PRODUCTS ID		88.00MMBTU/H	N	BOILER, WOOD FIRED	CO	17.56LB/H SEE NOTE	
					NOX	17.56LB/H SEE NOTE	
					PM	21.22LB/H	
ID NUMBER GA-0010	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
GOLD KIST INC., GOLD KIS*	GA 2075-092-8088-C	95.0MMBTU/H	M	BOILER, MELLON TYPE A	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
ID NUMBER CA-0141	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
SUPERIOR FARMING CO.	CA 3032006A	100.00MMBTU/H	M	BOILER, 4-CELL COMBUSTION	NOX	.07LB/MMBTU	L*
				BOILER, 4-COMBUSTION CELL	NOX	.17LB/MMBTU	L*
ID NUMBER ID-0001A	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
CO-GEN., INC.	ID	104.00MMBTU/H	N	BOILER, WOOD FIRED	CO	5.90LB/H	
					NOX	19.00LB/H	
					PM	3.95LB/H	
ID NUMBER CA-0040	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
HUDSON LUMBER CO.	CA 81-PO-17	90000.00LB/H STEAM	N	BOILER	CO	2.00LB/T FUEL	
					NOX	30.00LB/H 8H AV	
					PM	.04GR/DSCF	
ID NUMBER TX-0057	SOURCE TYPE - 10.4 PLYWOOD PLANTS						
KIRBY FOREST INDUSTRIES	TX (R)PSD-TX-280	70000.00LB/H	M	BOILER, FBD WOOD WASTE FIRE	PM	10.70LB/H	
ID NUMBER CA-0261	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
LOUISIANA PACIFIC CORP.	CA LPO-87-08-AC	127.00MMBTU/H	N	GENERATOR, STEAM, WOOD FIRED	CO	22.00LB/H	B*

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						.17LB/MMBTU	B*
					NOX	23.00LB/H	B*
						.18LB/MMBTU	B*
					PM*	2.80LB/H	B*
						.02LB/MMBTU	B*
					VOC	16.00LB/H	
						.13LB/MMBTU	
ID NUMBER NC-0002	SOURCE TYPE - 10.3 HARDBOARD						
ABI TIBI CORP.	NC NC 076	120000.00LB/H STEAM	M	BOILER, WOOD FIRED	CO	44.04LB/H	N*
						192.90T/YR	N*
					NOX	35.23LB/H	N*
						154.30T/YR	N*
					PM	.10LB/MMBTU	N*
					SO2	33.03LB/H	
						145.00T/YR	
ID NUMBER MS-0009	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
NEWSPRINT SOUTH, INC.	MS 0960-00015	151.12MMBTU/H	N	BOILER, BARK	CO	72.00LB/H	B*
					NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	25.00T/YR, MAX	
ID NUMBER WY-0003	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
AFTON GENERATING CO.	WY CT-483	155.62MMBTU/H	N	BOILER, WOOD & BARK WASTE	CO	.44LB/MMBTU	B*
					NOX	.24LB/MMBTU	B*
					PM	.05GR/DSCF AT 12%*	B*
						.10LB/MMBTU	B*
					VOC	.09LB/MMBTU	B*
ID NUMBER CA-0077	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
ULTRASYSTEMS	CA HAC-129	162.00MMBTU/H	N	BOILER, WOOD WASTE	PM	.05LB/MMBTU	

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ID NUMBER CA-0071	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER					
IMOTEK, INC.	CA 6889	162.20MMBTU/H	N	BOILER	NOX 130.00PPMV AT 3% O2	
				BOILER	PM .02GR/DSCF	
ID NUMBER SC-0005	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)					
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	172.00MMBTU/H	N	BOILER, BARK/WOODWASTE	NOX 1.19LB/MMBTU	B*
					205.00LB/H	B*
					PM .25LB/MMBTU	B*
					43.00LB/H	B*
ID NUMBER CA-0083	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE					
COLLINS PINE CO.	CA SAC 84-02	140000.00LB/H STEAM		BOILER #4	CO .35LB/MMBTU	
					84.80LB/H	
					NOX .20LB/MMBTU	
					48.50LB/H	
					PM 9.70LB/H	
					VE 10.00% OPACITY	
ID NUMBER CA-0039	SOURCE TYPE - 10.4 PLYWOOD PLANTS					
ULTRASYSTEMS INC.	CA 82-PO-32	150000.00LB/H STEAM	N	BOILER	CO 126.00T/YR	
					NOX 139.00T/YR	
					PM .04GR/DSCF	
					SOX 21.00T/YR	
					VOC 55.00T/YR	
ID NUMBER CA-0235	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE					
DINUBA ENERGY, INC.	CA 3592	198.00MMBTU/H	N	BOILER, WOOD WASTE FIRED	CO 42.81LB/H	
					.22LB/MMBTU	
					NOX 22.20LB/D	B*
					.11LB/MMBTU	B*
					PM 6.40LB/H	B*
					.02GR/DSCF AT 12%*	B*

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ID NUMBER AR-0005	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	AR PSD-AR 317	211.20MMBTU/H	M	BOILER, WOOD FIRED	CO	24.00LB/H	N*
						.11LB/MMBTU	N*
					NOX	26.00LB/H	B*
						.12LB/MMBTU	B*
ID NUMBER CA-0295	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
SOLEDAD ENERGY LIMITED P*	CA 4625	216.00MMBTU/H		COMBUSTOR, WOOD FIRED, FLUID*	CO	197.00LB/D	
						.04LB/MMBTU	
					NOX	13.60LB/H	B*
						.06LB/MMBTU	B*
					PM*	147.40LB/D	B*
						.03LB/MMBTU	B*
					SO2	141.60LB/D	B*
						.03LB/MMBTU	B*
					VOC	139.90LB/D	B*
						.03LB/MMBTU	B*
ID NUMBER CA-0124	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
FAIRHAVEN POWER CO.	CA NC 84-03	225.60MMBTU/H	N	BOILER, WOOD FIRED	CO	.35LB/MMBTU	
					NOX	.20LB/MMBTU	
					PM	.05LB/MMBTU	
					VOC	.07LB/MMBTU	
ID NUMBER CA-0294	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
WESTERN FOREST POWER	CA 4251	230.00MMBTU/H		COMBUSTOR, WOOD FIRED, FLUID*	CO	550.00LB/D	
						.15LB/MMBTU	
					NOX	467.00LB/D	B*
						.09LB/MMBTU	B*
					PM*	97.00LB/D	B*
						.02LB/MMBTU	B*
					SO2	149.00LB/D	B*
						.03LB/MMBTU	B*
					VOC	149.00LB/D	

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						.03LB/MMBTU	
ID NUMBER CA-0070	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
HAYFORK COGENERATION PRO*	CA TAC-012	236.00MMBTU/H	N	BOILER, WOOD WASTE	CO	.35LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.04LB/MMBTU	
					VOC	.07LB/MMBTU	
ID NUMBER NY-0016	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NORTHERN ENERGY GROUP	NY 163400 0116 00*	250.00MMBTU/H	N	BOILER, WOOD FIRED	CO	.35LB/MMBTU	B*
					NOX	.17LB/MMBTU	B*
					PM	.08LB/MMBTU AT 12*	B*
					VOC	.10LB/MMBTU	B*
ID NUMBER LA-0041	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	LA (R)PSD-LA-0041	272.00MMBTU/H	M	BOILER, WOOD FIRED	CO	25.00LB/H	B*
						.09LB/MMBTU	B*
					NOX	26.70LB/H	B*
						.10LB/MMBTU	B*
					PM	24.70LB/H	B*
						.01LB/MMBTU	B*
ID NUMBER CA-0272	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
MARTELL COGENERATION LIM*	CA SJ 83-04-A	287.00MMBTU/H	M	BOILER, STATIONARY GRATE/SPR*	CO	930.00LB/H, 3H AVG	
						590.00LB/H, 8H AVG	
					VOC	35.00LB/H	
ID NUMBER GA-0020	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
BURLINGTON INDUSTRIES	GA 2272-119-8109-0	290.00MMBTU/H	M	BOILER, WOOD WASTE FIRED	PM	.10LB/MMBTU	B*
ID NUMBER MI-0049	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
COGENERATION MICHIGAN, I*	MI 373-86	293.00MMBTU/H	N	BOILER, 2 EA	BE*	31.70MICROGRAM/CUBI*	B*
					CO	.30LB/MMBTU WOOD	B*
					NOX	.30LB/MMBTU WOOD	N*

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ID NUMBER VT-0004	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
DECKER ENERGY INTERNATIO*	VT	300.00MMBTU/H	N	BOILER, WOOD FIRED	PM	.20LB/MMBTU GAS	N*
						.03LB/MMBTU	N*
					BAP	.01LB/H	U*
					CO	.30LB/MMBTU	M*
					NOX	.25LB/MMBTU	M*
					PM	.00GR/DSCF AT 12%*	M*
					VE	60.00% OPACITY	
						20.00% OPACITY, 54M*	
					VOC	9.00LB/H	U*
ID NUMBER NC-0007	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
GEORGIA-PACIFIC CORP.	NC NC-061	165000.00LB/H	N	BOILER, WOOD WASTE & DRYER, *	PM	246.00T/YR	B*
ID NUMBER CA-0066	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
APPLIED POWER TECHNOLOGY	CA SAC 83-02	307.10MMBTU/H	N	BOILER, 2	NOX	35.40LB/H	
					PM	11.90LB/H	
ID NUMBER CA-0188	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
FAIRHAVEN POWER CO.	CA HS-072	309.00MMBTU/H	N	BOILER, WOOD FIRED	CO	.40LB/MMBTU	
					NOX	.20LB/MMBTU	
					PM	.04LB/MMBTU	
ID NUMBER CA-0268	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
SIERRA PACIFIC INDUSTRIES	CA SAC 87-01	335.00MMBTU/H		BOILER, RILEY	CO	167.80LB/H	
						.50LB/MMBTU	
					NOX	36.90LB/H	
						.11LB/MMBTU	
ID NUMBER CA-0194	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
ULTRAPOWER - PLACER, INC.	CA A/C-85-14	356.80MMBTU/H	N	BOILER	NOX	56.00LB/H	
					PM	.02GR/DSCF AT 12%*	

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ID NUMBER NY-0007	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
PROCTOR & GAMBLE	NY	360.00MMBTU/H	N	BOILER	CO	.22LB/MMBTU	
					PM	.10LB/MMBTU	B*
						.05GR/DSCF	B*
ID NUMBER HA-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PANORAMA ENERCORP, INC	HA (R)PSD-X81-15	37.00MW	M	BOILER	CO	107.30LB/H	B*
					NOX	.17LB/MMBTU	B*
					PM	.01GR/DSCF 12% CO2	
					VOC	36.50LB/H	
ID NUMBER CA-0118	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
ULTRASYSTEMS INC.	CA 55-8986	370.00MMBTU/H		BOILER, FLUID BED, WOOD FIRED	CO	.15LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	.14LB/MMBTU	
					VOC	.10LB/MMBTU	
ID NUMBER KY-0039	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WILLAMETTE INDUSTRIES, I*	KY C-80-24	400.00MMBTU/H	M	BOILER, WOOD WASTE	NOX	.70LB/MMBTU NOTE#1	B*
					PM	.04GR/DSCF	B*
					SO2	.32LB/MMBTU	B*
ID NUMBER KY-0001	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WILLAMETTE INDUSTRIES, I*	KY KY-146	400.00MMBTU/H	N	BOILER, WOOD WASTE	NOX	.40LB/MMBTU	B*
					PM	.04GR/DSCF	B*
					SO2	.32LB/MMBTU	B*
ID NUMBER AL-0032	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
MEAD PAPERBOARD	AL 705-0014-Z004	430.00MMBTU/H	N	BOILER, WOODWASTE	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*

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ID NUMBER AL-0007	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ALABAMA KRAFT	AL PSD-AL-067	436.00MMBTU/H	M	BOILER, WOOD WASTE	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
ID NUMBER KY-0033	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WESTVACO CORP. - FINE PA*	KY C-77-123	463.00MMBTU/H	M	BOILER, BARK	NOX	.30LB/MMBTU LIQ. *	N*
						.70LB/MMBTU SOLID*	N*
					PM	.10LB/MMBTU	B*
						46.30LB/H	B*
					SO2	1.20LB/MMBTU SEE N*	B*
						469.60LB/H	B*
ID NUMBER CA-0052	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
LOUISIANA-PACIFIC BOILER	CA 27440	477.00MMBTU/H	N	BOILER, WOOD WASTE FIRED	PM	17.00LB/H	B*
ID NUMBER NC-0046	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
CRAVEN COUNTY WOOD-ENERG*	NC 6419	666.00MMBTU/H	N	BOILER, WOOD FIRED	CO	.66LB/MMBTU	
					NOX	.35LB/MMBTU	
					PM	.04LB/MMBTU	
					VOC	.08LB/MMBTU	
ID NUMBER FL-0004	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST REGIS PAPER CO.	FL PSD-FL-041	666.00MMBTU/H	M	BOILER, BARK FIRED, #4	PM	.10LB/MMBTU	N*
					SO2	.64LB/MMBTU	N*
ID NUMBER VT-0002	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
MCNEIL GENERATING STATION	VT	670.00MMBTU/H	N	FURNACE, WOOD FIRED	PM	.01LB/MMBTU	
						.01GR/DSCF AT 12%*	
ID NUMBER FL-0022	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, BARK	CO	207.55LB/H	N*
					NOX	264.00LB/H	N*
					PM	88.21LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	705.70LB/H	N*
ID NUMBER AL-0039	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
MEAD COATED BOARD	AL 211-0004	915.00MMBTU/H	N	BOILER, WOOD WASTE, #3	CO	.40LB/MMBTU	
					H2*	4.80EE-4 LB/MMBTU	
					NOX	.30LB/MMBTU	
					PM	.10LB/MMBTU	B*
						91.50LB/H	B*
					SO2	.01LB/MMBTU	B*
						8.80LB/H	B*
					VOC	.03LB/MMBTU	
(1) ID NUMBER CA-0265	SOURCE TYPE - 1.E EXTERNAL COMBUSTION - MULTIPLE FUELS						
GEOPRODUCTS/ZURN-NEPCO	CA NE 87-01	305.00LB/H	N	BOILER, WOOD FIRING	CO	674.50T/YR	B*
					NOX	246.70T/YR	B*
					PM	65.75T/YR	B*
					SOX	20.49T/YR	U*
					VOC	92.97T/YR	B*
(1) ID NUMBER CA-0021	SOURCE TYPE - 2.3 OTHER SOLID WASTE DISPOSAL						
WATSON ENERGY SYS, INC.	CA (R)LA 77-02	1440.00T/D	N	GENERATING UNIT, STEAM, WAST*	NOX	83.00LB/H	L*
					PM	4.00LB/H	L*
					SO2	64.00LB/H	L*
(1) ID NUMBER CA-0278	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
LOUISIANA PACIFIC CORP.	CA HAC-216	830.00T/D ADP	N	BOILER, RECOVERY	CO	250.00PPM	B*
					NOX	.10LB/MMBTU	B*
					PM	.03GR/DSCF	B*
					SO2	50.00PPM	B*
					TRS	3.00PPM	B*
					VOC	40.00PPM	B*
(1) ID NUMBER AR-0010	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
INTERNATIONAL PAPER CO.	AR PSD-463AR-1		M	BOILER, WOOD WASTE, #1 & #2	CO	200.00LB/H, EA	

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PROCESS CODE 1.4

REPORT DATE 06/14/1989

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					PM	25.00LB/H, EA	

PROCESS CODE -- 1.5

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER TX-0055 SOURCE TYPE - 9.3 REFRACTORIES							
JOHN MANSVILLE SALES CORP	TX PSD-TX-263	3.10MMBTU/H EA		BOILER, 2	PM	.06LB/H	
ID NUMBER OH-0025 SOURCE TYPE - 6.62 OTHER CHEMICAL							
FERRO CHEMICAL DIV OF FE*	OH 13-956	3.12MMBTU/H	N	BOILER	PM	.17LB/H	
						.05LB/MMBTU	
ID NUMBER VA-0079 SOURCE TYPE - 4.21 OTHER ORGANIC EVAPORATION LOSS							
KLOCKNER - PENTAPLAST OF*	VA (3)40748	8.33MMBTU/H	N	BOILER, #2 OIL & NAT GAS FIR*	NO2	1.19LB/H	
						5.21T/YR	
					SO2	.30LB/MMBTU	
						2.53LB/H	
ID NUMBER CA-0061 SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING							
SNACK FOODS PLANT	CA SEE NOTE	10.00MMBTU/H	N	BOILER	NOX	100.00PPM AT .3% O2	
						.94LB/H	
					PM	.15LB/H	
					SO2	2.50LB/H	
ID NUMBER TX-0144 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS							
INTERNATIONAL PAPER CO.	TX 14163	14.60MMBTU/H	N	BOILER, PACKAGE	CO	.03LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.22LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER TX-0093	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
M.C INDUSTRIES	TX 8710	500.00HP	N	BOILER, GAS/OIL FIRED, 2	CO	3.30LB/H	
					NOX	.30LB/H	
					PM	.75LB/H	
					SO2	5.40LB/H	
ID NUMBER CA-0112B	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4013121 & 122	25.20MMBTU/H	N	GENERATOR, SCRUBBED STEAM, 2*	PM	.03LB/MMBTU	B*
					SO4	.03LB/MMBTU	
ID NUMBER CA-0150A	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
OLS ENERGY	CA 1267-2	31.00MMBTU/H	N	BOILER, GAS/OIL FIRED	NOX	40.00PPMVD AT 3% O2	
ID NUMBER TX-0016	SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE						
GULF OIL CHEMICALS	TX (R)PSD-TX-299	49.00MMBTU/H EA	N	BOILER, 4 EA	NOX	.30LB/MMBTU OIL	B*
						.12LB/MMBTU GAS	B*
					PM	.02LB/MMBTU OIL	B*
						.01LB/MMBTU GAS	B*
					SO2	.75LB/MMBTU OIL	B*
						TRACE GAS	B*
ID NUMBER LA-0016	SOURCE TYPE - 6.62 OTHER CHEMICAL						
AIRCO SPEER CARBON GRAPH*	LA LA-283	56.20MMBTU/H	N	BOILER, CALCINER, GAS/OIL	CO	5.70LB/H	B*
					PM	5.70LB/H	B*
					SO2	171.60LB/H	B*
ID NUMBER CA-0112C	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SHELL CALIFORNIA PRODUCT*	CA 4013123 - 139	62.50MMBTU/H	N	GENERATOR, OIL/GAS FIRED, 11*	H2*	.03LB/MMBTU	
ID NUMBER MI-0077	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
K.I. SAWYER AFB	MI 914-87	65.00MMBTU/H		BOILER, COAL/WOOD FIRED, 2 EA	CO	.30LB/MMBTU	B*
					NOX	.30LB/MMBTU, WOOD	B*
						.60LB/MMBTU, COAL	B*
					PM	.05LB/MMBTU	B*

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PROCESS CODE 1.5 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 1.40LB/MMBTU, SEE *	B*
ID NUMBER CA-0061	SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING					
SNACK FOODS PLANT	CA SEE NOTE	72.00MMBTU/H	N	BOILER	NOX 100.00PPM AT .3% O2 .94LB/H	
				BOILER	NOX 100.00PPM AT .3% O2 .94LB/H	
				BOILER	PM 1.00LB/H	
				BOILER	PM 1.00LB/H	
				BOILER	SO2 18.20LB/H	
				BOILER	SO2 18.20LB/H	
ID NUMBER CA-0129B	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
COGENERATION NATIONAL CO*	CA 87-97	79.00MMBTU/H	N	BOILER, WATER TUBE	NOX 199.00LB/D, NAT GAS	B*
					140.00LB/D, #2 OIL	B*
					SOX 409.00LB/D	B*
					.22LB/MMBTU	B*
ID NUMBER HA-0009A	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
U.S. OIL & REFINING CO.	HA 2573	98.90MMBTU/H	M	BOILER, GAS/OIL	NOX 100.00PPM AT 3% O2, *	
					50.00PPM AT 3% O2, *	
ID NUMBER NC-0044	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS					
HOLLY FARMS POULTRY INDU*	NC 3354R7	99.00MMBTU/H	N	BOILER, COAL/WOOD FIRED	AC* 1.69LB/H	
					NOX .70LB/MMBTU	
					SO2 1.60LB/MMBTU	
ID NUMBER GA-0023	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES					
ANHEUSER-BUSCH	GA 2082-008-9777	99.00MMBTU/H	N	BOILER, GAS/OIL FIRED, 4 EA	NOX .30LB/MMBTU, GAS	B*
					.40LB/MMBTU, OIL	B*
					PM .10LB/MMBTU	B*
ID NUMBER VA-0028	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS					
MULTITRADE GROUP, INC.	VA 30529	112.50MMBTU/H	M	BOILER, COAL/WOOD FIRED, 2	CO .40LB/MMBTU	

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					NO2	.54LB/MMBTU	
					PM	.20LB/MMBTU	
					SO2	1.38LB/MMBTU	
					VOC	.14LB/MMBTU	
ID NUMBER AL-0029	SOURCE TYPE - 2.1 REFUSE INCINERATION						
HUNTSVILLE SOLID WASTE A*	AL 7-09-I104-X001*	116.30(1)MBTU/H	N	BOILER, PACKAGE, 4 EA	BE	2.90EE-4 LB/H	B*
					CO	4.21LB/H	B*
						.04LB/MMBTU	B*
					HG	.00LB/H	B*
					H2*	.91LB/H	B*
					NOX	11.63LB/H	B*
						.10LB/MMBTU	B*
					PM	5.82LB/H	B*
						.05LB/MMBTU	B*
					SO2	23.26LB/H	B*
						.20LB/MMBTU	B*
ID NUMBER PA-0039	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
MERCK SHARP & DOHME	PA 46-302-169	120.00MMBTU/H	M	BOILER	NOX	.20LB/MMBTU	B*
					SO2	.50% S BY WT. FUEL	B*
ID NUMBER VA-0082	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
MULTITRADE OF MARTINSVIL*	VA 30826	120.00MMBTU/H	N	BOILER	CO	.44LB/MMBTU	
						53.33LB/H	
					NO2	.60LB/MMBTU	
						72.00LB/H	
					PM	.10LB/MMBTU	
						12.00LB/H	
					SO2	1.20LB/MMBTU	N*
						155.98LB/H, MAX	N*
					VOC	.16LB/MMBTU	
						18.67LB/H	

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ID NUMBER LA-0041A	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	LA PSD-LA-341(M-1)	134.00MMBTU/H	M	BOILER, WOOD & NAT GAS FIRED	CO	.75LB/MMBTU	B*
					NOX	.25LB/MMBTU	B*
					PM	.20LB/MMBTU	B*
					VE	20.00% OPACITY	S*
ID NUMBER AR-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
NEKOOSA PAPER CO.	AR 278-AR-3	160.00MMBTU/H	M	BOILER, DUAL FUEL	NOX	N/A	
					PM	N/A	
					SO2	N/A	
					VE	20.00% OPACITY	
ID NUMBER LA-0018	SOURCE TYPE - 6.62 OTHER CHEMICAL						
HCC CHEMICAL CO.	LA (R)PSD-LA-108	173.00MMBTU/H	N	BOILER, GAS/OIL	CO	.04LB/MMBTU	B*
					NOX	.30LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.32LB/MMBTU	B*
ID NUMBER MA-0014	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
U.S. NAVY - PUGET SOUND *	MA N/C 2545	140000.00LB/H STEAM	N	BOILER, RILEY STOKER VR-C3, *	PM	.02GR/SCF	
					SO2	.23LB/MMBTU,NOTE#1	
ID NUMBER KY-0031A	SOURCE TYPE - 6.37 METHANOL						
DOW CORNING CORP.	KY C 87-059	175.00MMBTU/H	M	BOILER, GAS/OIL FIRED	NOX	.20LB/MMBTU, GAS *	B*
						.40LB/MMBTU, OIL *	B*
					PM	.10LB/MMBTU, GAS *	B*
						.10LB/MMBTU, OIL *	B*
					SO2	.80LB/MMBTU, GAS *	B*
						.80LB/MMBTU, OIL *	B*
ID NUMBER LA-0050	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
AGRIFUELS REFINING CORP.	LA PSD-LA-521	177.00MMBTU/H	N	BOILER, CMS, #7-84	CO	1163.00LB/H	
						4650.00T/YR	
					NOX	63.00LB/H	

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						252.00T/YR	
					PM	35.00LB/H	
						140.00T/YR	
					VE	20.00% OPACITY	
ID NUMBER CA-0128B	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CPC INTERNATIONAL	CA 87-141	178.00MMBTU/H		BOILER, AUXILIARY	NOX	684.00LB/D, NAT GAS	B*
						512.00LB/D, #2 OIL	B*
					SOX	885.60LB/D	B*
						.21LB/MMBTU	B*
					VOC	150.00LB/D	B*
ID NUMBER MO-0006	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
MOBAY CHEMICAL CORP.	MO 485	198.60MMBTU/H	N	BOILER, 2 TOTAL	CO	MINIMIZE	
					NOX	.20LB/MMBTU	N*
					PM	MINIMIZE	
					SO2	MINIMIZE	
					VOC	MINIMIZE	
ID NUMBER CA-0282	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
GHF POWER SYSTEMS CO., I*	CA 31130-31133,30*	202.00MMBTU/H	N	COMBUSTOR, CIRCULATING FLUID*	CO	550.00LB/D	
						.09LB/MMBTU	
					NOX	360.00LB/D	B*
						.07LB/MMBTU	B*
					PM	30.00LB/D	
						.01GR/DSCF AT 12%*	
					SO2	528.00LB/D	B*
						.11LB/MMBTU	B*
ID NUMBER AR-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
NEKOOSA PAPER CO.	AR 278-AR-3	210.00MMBTU/H	M	BOILER, DUAL FUEL	NOX	N/A	
					PM	N/A	
					SO2	N/A	
					VE	20.00% OPACITY	

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ID NUMBER NY-0005 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
POWER AUTHORITY STATE OF*	NY	220.00MMBTU/H	N	BOILER, AUXILIARY	NOX .30LB/MMBTU	
					PM .08LB/MMBTU	
					SO2 .30% S FUEL	S*
ID NUMBER IL-0034 SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
BABCOCK & WILCOX, LAUHOF*	IL 85 11 0014	237.00MMBTU/H	N	BOILER, GAS/OIL FIRED	CO 200.00PPM	
					NOX .30LB/MMBTU	
					PM .02LB/MMBTU	
					SO2 .30LB/MMBTU, OIL	
ID NUMBER VA-0003 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
PHILIP MORRIS	VA 80VA06	237.00MMBTU/H	M	BOILER, COAL/OIL FIRED	NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 2.10LB/MMBTU COAL	B*
					2.51LB/MMBTU OIL	B*
					VE 20.00% OPACITY	B*
ID NUMBER OH-0045 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
CITY OF COLUMBUS	OH EPA-5-A-80-3	240.00MMBTU/H	N	BOILER, REFUSE/COAL FIRED, 6*	NOX .50LB/MMBTU	
					.70LB/MMBTU COAL *	
					PM .10LB/MMBTU	
					SO2 .93LB/MMBTU 6 BOI*	
					1.44LB/MMBTU,<4 BO*	
ID NUMBER TX-0027 SOURCE TYPE - 6.62 OTHER CHEMICAL						
E.I. DUPONT DE NEMOURS	TX (R)PSD-TX-335	240.00MMBTU/H	M	BOILER	NOX .30LB/MMBTU OIL	
					.60LB/MMBTU COAL	
					PM .05LB/MMBTU OIL	
					.08LB/MMBTU COAL	
					SO2 .79LB/MMBTU OIL	
					1.69LB/MMBTU COAL	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER MI-0001	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
FLAMBEAU PAPER CORP.	MI MAA-10-CWB-81-*	249.00MMBTU/H	M	BOILER, 80/20 WOOD/COAL	NOX	.70LB/MMBTU	B*
					PM	.08LB/MMBTU WOOD/*	B*
						.10LB/MMBTU COAL	B*
					SO2	1.20LB/MMBTU	L*
ID NUMBER FL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST REGIS PAPER CO.	FL FL 066	268.00MMBTU/H C*	M	BOILER, BARK/COAL, #3	SO2	1.20LB/MMBTU	N*
						327.00LB/H	N*
ID NUMBER MI-0011	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIV. OF MICH., CEN HEAT*	MI 531-78	220.00MLB/H	N	BOILER, GAS/OIL FIRED, 2 EA	NOX	.30LB/MMBTU OIL	
						.20LB/MMBTU GAS	
					SO2	.52LB/MMBTU	
ID NUMBER MI-0033	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
APPLETON PAPERS, INC.	MI MAA-10-SJK-83-*	250000.00LB/H STEAM	M	BOILER STACK	CO	.10LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.12LB/MMBTU	
					VE	20.00% OPACITY	
					VOC	9.95LB/H	
						42.00T/YR	
ID NUMBER GA-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INTERSTATE PAPER CORP.	GA 2631-089-8091	346.00MMBTU/H	M	BOILER	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.30LB/MMBTU	
ID NUMBER AL-0014A	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CONTAINER CORP. OF AMERI*	AL 502-0001-Z012	351.00MMBTU/H	N	BOILER, #2, WOODWASTE	PM	.30GR/DSCF AT 50%*	B*
					SO2	1.50% S FUEL	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER MI-0050A	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
FILER CITY	MI 519-87A	384.00MMBTU/H	N	BOILER, SPREADER-STOKER, COA*	CO	.30LB/MMBTU 8H AVG	B*
					NOX	.60LB/MMBTU 30D A*	B*
					PM	.01LB/MMBTU	L*
					SO2	.50LB/MMBTU 30D A*	B*
						.70LB/MMBTU 24H A*	B*
ID NUMBER MI-0044	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
S.D. WARREN CO.	MI 29-86	395.00MMBTU/H	N	BOILER	CO	.50LB/MMBTU	B*
					NOX	.70LB/MMBTU, COAL*	B*
					PM	.06LB/MMBTU, COAL*	B*
						.05LB/MMBTU, COAL*	B*
					SO2	1.20LB/MMBTU, COAL*	N*
						90.00% REDUCTION, C*	N*
					SO2	.80LB/MMBTU, FUEL*	N*
						90.00% REDUCTION, F*	N*
					TRS	5.00PPMV	N*
ID NUMBER MI-0034	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
CONSOLIDATED PAPERS, INC.	MI 84-DLJ-038	445.16MMBTU/H	N	BOILER	CO	.10LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.08LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
					VOC	.05LB/MMBTU	
ID NUMBER VA-0022	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
BEAR ISLAND PAPER CO.	VA 50840	469.00MMBTU/H	M	BOILER, WOOD/COAL FUEL	NOX	1210.00T/YR WOOD FUEL	N*
						1210.00T/YR COAL FUEL	N*
					PM	205.00T/YR WOOD FUEL	N*
						174.00T/YR COAL FUEL	N*
					SO2	1638.00T/YR WOOD FUEL	N*
						2092.00T/YR COAL FUEL	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER SC-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
MILLAMETTE INDUSTRIES	SC 1680-0043	470.00MMBTU/H	N	BOILER	CO	.50LB/MMBTU	B*
					NOX	.40LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					VE	20.00% OPACITY	S*
					VOC	.20LB/MMBTU	B*
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	495.00MMBTU/H	N	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER AL-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CONTAINER CORP. OF AM	AL PSD-AL-061	511.50MMBTU/H	M	BOILER, COAL/WOOD FIRED	NOX	350.00LB/H 100% COAL	N*
						426.00LB/H 100% WOOD	N*
					PM	51.15LB/H 100% COAL	N*
						60.80LB/H 100% WOOD	N*
					SO2	613.25LB/H 100% COAL	N*
						60.80LB/H 100% WOOD	N*
ID NUMBER AL-0019	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	AL 201-0001-X008,*	534.00MMBTU/H	M	GENERATOR, FOSSIL FUEL STEAM			
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER GA-0024	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
SOUTHEAST PAPER CORP.	GA 2611-087-9716	545.00MMBTU/H	M	BOILER, CFC	NOX	.60LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.10LB/MMBTU	N*
						90.00% REDUCTION	N*
					VE	20.00% OPACITY	N*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER FL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST REGIS PAPER CO.	FL FL 066	546.00MMBTU/H C*	M	BOILER, BARK/COAL, #4	SO2	1.20LB/MMBTU	N*
ID NUMBER GA-0024	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
SOUTHEAST PAPER CORP.	GA 2611-087-9716	550.00MMBTU/H	M	BOILER, CFC	NOX	.60LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.10LB/MMBTU	N*
						90.00% REDUCTION	N*
					VE	20.00% OPACITY	N*
ID NUMBER OK-0004	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
FORT HOWARD PAPER CO.	OK (R)PSD-OK-404	557.00MMBTU/H	M	BOILER	CO	.06LB/MMBTU COAL	B*
						.03LB/MMBTU OIL	B*
					CO	.02LB/MMBTU GAS	B*
					NOX	.70LB/MMBTU COAL	B*
						.30LB/MMBTU OIL	B*
					NOX	.20LB/MMBTU GAS	B*
					PM	.10LB/MMBTU COAL	B*
						.07LB/MMBTU OIL	B*
					PM	.01LB/MMBTU GAS	B*
					SO2	1.20LB/MMBTU COAL	B*
						.73LB/MMBTU OIL	B*
					SO2	.00LB/MMBTU GAS	B*
					VOC	.02LB/MMBTU GAS	
						.01LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS	
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	581.00MMBTU/H	N	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER GA-0009	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GILMAN PAPER CO.	GA GA-071	587.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	
ID NUMBER NC-0019B	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
FEDERAL PAPER BOARD CO.,*	NC 3441R9	600.00MMBTU/H B*	M	BOILER, POWER, #5, BARK/COAL*	NOX	.40LB/MMBTU COAL	
						.36LB/MMBTU OIL	
					PM	.16LB/MMBTU COAL	
						.05LB/MMBTU OIL	
					SO2	.80LB/MMBTU COAL	
						.80LB/MMBTU OIL	
ID NUMBER OH-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
STONE CONTAINER CORP.	OH EPA-5-A-81-3	609.00MMBTU/H	N	BOILER, WOOD/GAS	CO	.20LB/MMBTU	
					NOX	.38LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	.02LB/MMBTU	
					VOC	.02LB/MMBTU	
ID NUMBER PA-0041	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
P.H. GLATFELLER CO.	PA 67-306-006	633.00MMBTU/H		BOILER, COAL FIRED	CO	.16LB/MMBTU	N*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
						90.00% REDUCTION	N*
					VE	10.00% OPACITY	B*
ID NUMBER MS-0008	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
LEAP RIVER FOREST	MS MS 035	350000.00LB/H	N	BOILER, BARK/COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.63LB/MMBTU	B*
ID NUMBER VA-0001	SOURCE TYPE - 10.1 KRAFT PULP MILLS						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CHESAPEAKE CORP.	VA 80VA03	659.0[illegible]MBTU/H	M	BOILER, WOOD WASTE	CO	.23LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
					VOC	.23LB/MMBTU	N*
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	660.00MMBTU/H	N	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER AL-0030	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
HAMMERMILL PAPER	AL 104-0003-X018	667.00MMBTU/H	N	BOILER, COMBINATION FUEL	CO	.50LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	P*
ID NUMBER LA-0042	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
STONE CONTAINER CORP.	LA PSD-LA-505	680.40MMBTU/H	N	BOILER, COMBINATION, BARK/CO*	BE	.00LB/H	B*
					CO	420.40LB/H	B*
						.62LB/MMBTU	B*
					F	3.75LB/H	B*
					NOX	476.30LB/H	B*
						.70LB/MMBTU	B*
					PM	68.00LB/H	N*
						.10LB/MMBTU	N*
					SO2	816.50LB/H	B*
						1.20LB/MMBTU	B*
					VOC	105.90LB/H	B*
ID NUMBER MI-0050	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
TONDU ENERGY SYSTEMS, IN*	MI 519-87	689.00MMBTU/H	N	BOILER, COAL/WOOD FIRED, FLU*	CO	.20LB/MMBTU 8H RO*	B*

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REPORT DATE 06/14/1989

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					NOX .50LB/MMBTU 30D R*	B*
					PM .01LB/MMBTU	B*
					10.00% OPACITY	B*
					SO2 .45LB/MMBTU 30D R*	B*
					1.20LB/MMBTU 24H R*	B*
ID NUMBER FL-0035 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	FL PSD-FL-079	607500.00LB/H STEA*	N	BOILER, RECOVERY, NO. 5	CO ZERO	
					NOX ZERO	
					PM .04GR/DSCF CORR T*	N*
					75.40LB/H	N*
					SO2 150.00PPMV DRY	N*
					244.00LB/H	N*
					TRS 5.00PPMV DRY CORR *	N*
					5.20LB/H	N*
					VE 20.00% OPACITY	B*
					VOC ZERO	
ID NUMBER LA-0017 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295	760.00MMBTU/H	M	BOILER	CO .15LB/MMBTU	B*
					NOX .69LB/MMBTU COAL	B*
					.20LB/MMBTU GAS	B*
					NOX .30LB/MMBTU OIL	B*
ID NUMBER IA-0006 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLA*	IA	769.00MMBTU/H	M	BOILER, STEAM GENERATION, #8	NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER AL-0016 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
MACMILLAN BLOEDAL	AL AL-063	770.00MMBTU/H	M	BOILER, POWER	CO 114.00LB/H	N*
					NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*

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ID NUMBER AL-0031 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
INTERNATIONAL PAPER CO.	AL 503-2005-Z014	778.00MMBTU/H	N	BOILER, COMBINATION FUEL	BE	.00LB/H	
					CO	.60LB/MMBTU	
					FL	4.80LB/H	
					H2*	32.60LB/H	
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU, OIL *	N*
						1.20LB/MMBTU, COAL*	N*
ID NUMBER FL-0035 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
GEORGIA-PACIFIC CORP.	FL PSD-FL-079	700000.00LB/H STEA*	N	BOILER, COMBINATION, NO.5	CO	ZERO	
					NOX	.30LB/MMBTU, HI	B*
						325.00LB/H BARK	B*
					PM	.10LB/MMBTU, HI	B*
						108.00LB/H BARK	B*
					SO2	.65LB/MMBTU, HI	B*
						704.00LB/H BARK	B*
					VE	20.00% OPACITY	B*
					VOC	ZERO	
ID NUMBER AL-0002 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
SCOTT PAPER	AL AL 068	980.00MMBTU/H	M	WOODWASTE/COAL COMB., 50/50%*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1014.00LB/H	N*
ID NUMBER FL-0026 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
CONTAINER CORP. OF AM	FL FL-062	1021.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	PM	472.00T/YR	N*
					SO2	5363.00T/YR	N*
ID NUMBER GA-0008 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
UNION CAMP CORP.	GA (R)PSD-GA-062	1055.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	NOX	.70LB/MMBTU	N*
					PM	.08LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	M/H/ F.OD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	1.20LB/MMBTU	N*
ID NUMBER NC-0019 SOURCE TYPE - 10.1 KRAFT PULP MIL'S							
FEDERAL PAPER BOARD CO.,*	NC NC-081	1095.00MMBTU/H	N	BOILER	PM	.04GR/CF	B*
					SO2	979.00T/H	B*
ID NUMBER LA-0004 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS							
GULF STATES UTILITY	LA (R)PSD-LA-305	1706.00MMBTU/H	M	BOILER	CO	.01LB/MMBTU COAL *	B*
						.03LB/MMBTU OIL	B*
					NOX	.19LB/MMBTU COAL *	B*
						.30LB/MMBTU OIL	B*
					PM	.03LB/MMBTU COAL *	B*
						.01LB/MMBTU OIL	B*
					SO2	.62LB/MMBTU COAL *	B*
						.66LB/MMBTU OIL	B*
ID NUMBER TX-0204 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS							
TEXAS UTILITIES ELECTRIC*	TX 17545	175.00MW	M	BOILER	CO	131.40T/YR	
					NOX	1822.00T/YR	
					PM	365.50T/YR	
					SO2	3989.00T/YR	
					VOC	28.50T/YR	B*
ID NUMBER NY-0005 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS							
POWER AUTHORITY STATE OF*	NY	6700.00MMBTU/H	N	BOILER	CO	.04LB/MMBTU	B*
					NOX	.60LB/MMBTU COAL	B*
						.30LB/MMBTU OIL	B*
					PM	.02LB/MMBTU COAL	B*
						.03LB/MMBTU COAL/*	B*
					PM	.01LB/MMBTU OIL	B*
					SO2	.40LB/MMBTU	B*
					VE	20.00% OPACITY	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 — REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
(1) ID NUMBER FL-0034	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
U.S. SUGAR CORP.	FL AC 26-80930	SEE NOTES	N	BOILER	PM	.15BTU/MMBTU INPU*	
						.10BTU/MMBTU INPU*	
					SO2	.25BTU/MMBTU INPU*	
						1.50% S OIL MAX	
					VE	20.00% OPACITY MAX	
(1) ID NUMBER NY-0002	SOURCE TYPE - 2.1 REFUSE INCINERATION						
HOOKER ENERGY CORP.	NY NONE	2360.00T/D REFUSE	N	BOILER, RDF/COAL FIRED	NOX	.70LB/MMBTU COAL	
						.30LB/MMBTU OIL	
					PM	.10LB/MMBTU COAL	
						.07LB/MMBTU OIL	
					PM	.03GR/DSCF REFUSE	
					SO2	1.20LB/MMBTU COAL	
						.80LB/MMBTU OIL	
					VE	20.00% OPACITY COAL	B*
						20.00% OPACITY OIL	B*
					VE	20.00% OPACITY REFU*	B*
(1) ID NUMBER VA-0026	SOURCE TYPE - 2.1 REFUSE INCINERATION						
NORFOLK NAVAL SHIPYARD	VA 60326	180000.00LB/D		BOILER, 4	CO	.53LB/MMBTU	P*
					HCL	3.30LB/MMBTU	P*
					HF	1.10LB/MMBTU	P*
					NOX	.70LB/MMBTU	N*
					PM	.07LB/MMBTU	P*
					SO2	1.20LB/MMBTU	N*
					VOC	.07LB/MMBTU	P*
(1) ID NUMBER VA-0081	SOURCE TYPE - 2.3 OTHER SOLID WASTE DISPOSAL						
THE LANE CO.	VA 30248		N	BOILER, ERIE CITY	VOC	2.87LB/H	
						1.32T/YR	
				BOILER, UNION IRON WORKS	VOC	.81LB/H	
						.38T/YR	

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PROCESS CODE 1.5 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				BOILER, 2 COMBINED	CA*	.18LB/H .01T/YR	
					ET*	3.68LB/H 1.59T/YR	
(1) ID NUMBER NC-0020	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
BURLINGTON IND.	NC NC-036		N	BOILER	PM	.60LB/H	B*
PROCESS CODE -- 1.6							
ID NUMBER CA-0013	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
PROCESS REFINERY CO.	CA SJ-78-27	4.31MMBTU/H	H	BOILER, 2 EA	NOX	.27LB/MMBTU	
ID NUMBER AL-0010	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
MOBIL OIL EXPLORATION	AL AL-078	5.00MMBTU/H	N	BOILER, SULFUR DEPOT	NOX	.20LB/MMBTU	
					SO2	2.20LB/H	
ID NUMBER PA-0031	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
AMERICAN PACKAGING CORP.	PA 82128	5.02MMBTU/H	N	BOILER	PM	.10LB/MMBTU	B*
ID NUMBER CO-0005	SOURCE TYPE - 3.2 NATURAL GAS COMPRESSORS						
CO INTERSTATE GAS, TOTEM* CO		370.00HP	N	GENERATOR			
					NOX	8.90LB/H	B*
ID NUMBER TX-0050	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
MITCHELL ENERGY	TX (R)PSD-TX-139	12.55MMBTU/H	N	BOILER	VOC	.00LB/MMBTU	B*
ID NUMBER TX-0021	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
INDEPENDENT REFIN.	TX (R)PSD-TX-388	14.40MMBTU/H	H	REBOILER	NOX	.11LB/MMBTU	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER MA-0004	SOURCE TYPE - 2.1 REFUSE INCINERATION					
NESHC RESOURCE RECOVERY *	MA 029-121MA16	19.60[illegible]MBTU/H	N	BOILER, AUXILIARY	CO .04LB/MMBTU	B*
					NOX .16LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SOX .02LB/MMBTU	B*
					SO2 .34LB/MMBTU	B*
ID NUMBER CA-0004	SOURCE TYPE - 9.14 MINERAL WOOL MANUFACTURING					
TEXACO, INC.	CA NCC-78-04	20.00MMBTU/H	M	GENERATOR, STEAM, 3 EA	SO2 .58LB/MMBTU	B*
					2.00% S FUEL OIL	B*
ID NUMBER UT-0007	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)					
GEOKINETICS INC., OIL SH*	UT	650.00HP		GENERATOR	NOX 38.90LB/H	B*
					VE 20.00% OPACITY	
ID NUMBER PA-0023	SOURCE TYPE - 6.62 OTHER CHEMICAL					
SMITH KLINE CORP.	PA 79PA15	700.00HP EA	N	BOILER, 2 EA	SO2 .20% BY WT #2 OIL	B*
					1.68MMGAL/YR OIL	B*
ID NUMBER CA-0030	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
GETTY OIL CO.	CA SJ-81-11	240.00BBL/D	M	GENERATOR, STEAM, 7	NOX .15LB/MMBTU PER G*	
ID NUMBER TN-0012	SOURCE TYPE - 2.1 REFUSE INCINERATION					
RESOURCES AUTHORITY	TN	75.00T/D EA	N	BOILER, MUNICIPAL REFUSE FIR*	PM .04GR/SCF	N*
ID NUMBER TX-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387	40.00MMBTU/H	M	BOILER	CO .01LB/MMBTU	B*
					NOX .10LB/MMBTU	B*
					PM .00LB/MMBTU	B*
					SO2 .02LB/MMBTU	N*
ID NUMBER OH-0037	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL					
CENTRAL SOYA CO., INC.	OH 03-779	44.00MMBTU/H	N	BOILER, FLUIDIZED BED	PM .02LB/MMBTU	

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PROCESS CODE 1.6

REPORT DATE 06/14/1989

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ID NUMBER TX-0063	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
CHAMPLIN PETROLEUM CO.	TX TX-337	47.00MMBTU/H EA	M	BOILER, FUEL GAS, 3	NOX	5.60LB/H	B*
						.12LB/MMBTU	B*
					SO2	1.20LB/H	N*
						.03LB/MMBTU	N*
ID NUMBER CA-0009	SOURCE TYPE - 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING						
KERNRIDGE OIL CO.	CA (R)SJ-79-26	50.00MMBTU/H	M	GENERATOR, STEAM, 11 EA	NOX	.20LB/MMBTU	B*
					PM	.06LB/MMBTU	L*
					PM	.01LB/MMBTU	L*
					SO2	.07LB/MMBTU	
						1.20% S FUEL OIL	
ID NUMBER AL-0010	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
MOBIL OIL EXPLORATION	AL AL-078	50.00MMBTU/H	N	BOILER, SUPPLEMENTAL	NOX	.20LB/MMBTU	
					SO2	1.00LB/H	
ID NUMBER TX-0085	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
TEXAS TAR SANDS, LTD	TX 9075	50.00MMBTU/H	N	GENERATOR, STEAM	PM	.09LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER CO-0008	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
GARY WESTERN REFIN.	CO	47.00MLB/H STE*	M	BOILER #4	NOX	8.41LB/H	B*
ID NUMBER TX-0029	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
LONGVIEW REFIN.	TX PSD-TX-364	74.00MMBTU/H	M	BOILER, 2	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	B*
ID NUMBER TX-0048	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
FORMOSA PLASTICS	TX (R)PSD-TX-226	80.00MMBTU/H	M	BOILER, 5 EA	NOX	.11LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
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PROCESS CODE 1.6 REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER TX-0036	SOURCE TYPE - 6.12 CARBON BLACK						
ASHLAND CHEMICAL CO.	TX TX-338	81.00MMBTU/H	M	BOILER, CO	CO	62.00LB/H	B*
					NOX	28.00LB/H	B*
					PM	10.00LB/H	B*
					SO2	565.00LB/H	B*
					VOC	3.00LB/H	B*
ID NUMBER ME-0005	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
LORING AIR FORCE BASE	ME 21-25	84.50MMBTU/H	N	BOILER #7	NOX	.70LB/MMBTU	
					PM	.07LB/MMBTU	
					SO2	1.80LB/MMBTU	
				BOILER #8	NOX	.70LB/MMBTU	
					PM	.07LB/MMBTU	
					SO2	1.80LB/MMBTU	
ID NUMBER TX-0066	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
COASTAL STATES PETROLEUM	TX TX-243	88.00MMBTU/H	M	BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
ID NUMBER VA-0151	SOURCE TYPE - 2.1 REFUSE INCINERATION						
ENERGY RESOURCES OF HENR*	VA 50979	93.24MMBTU/H		BOILER, 2 EA	AC*	16.80LB/D	
						.70LB/H	
					AS	7.90EE-4 LB/H	
						3.40EE-3 T/YR	
					BE	1.60EE-5 LB/H	
						6.80EE-5 T/YR	
					BE*	.00LB/H	
						.01T/YR	

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PROCESS CODE 1.6

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
					CO 1.40EE-3 LB/H
					6.00EE-2 T/YR
					CO 38.70LB/H
					165.00T/YR
					CO* 2.64EE-5 LB/H
					1.10EE-4 T/YR
					CR 5.20EE-3 LB/H
					2.20EE-2 T/YR
					HBR 9.60LB/D
					.40LB/H
					HCL 70.56LB/D
					2.94LB/H
					HF 2.16LB/D
					.09LB/H
					HG .03LB/H
					.14T/YR
					NI 5.00EE-4 LB/H
					2.00EE-3 T/YR
					NO2 .41LB/MMBTU
					38.60LB/H
					PB .03LB/H
					.12T/YR
					PC* 1.10EE-5 LB/H
					4.67EE-4 T/YR
					PC* 3.50EE-5 LB/H
					1.50EE-4 T/YR
					PM .01GR/DSCF AT 12%*
					8.30T/YR
					SO2 .18LB/MMBTU
					17.20LB/H
					TC* 2.37EE-5 LB/H
					1.00EE-4 T/YR
					TC* 5.25EE-5 LB/H
					2.24EE-4 T/YR

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ID NUMBER LA-0027A	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
CYPRESS REFINING CO., HI*	LA PSD-LA-504	99.50MMBTU/H	M	BOILER #1-82	NOX	15.32LB/H	B*
					VE	20.00% OPACITY	B*
				BOILER #2-82	NOX	17.51LB/H	B*
					VE	20.00% OPACITY	B*
ID NUMBER TX-0061	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
UNI OIL	TX (R)PSD-TX-229	103.24MMBTU/H	M	BOILER, PACKAGE	CO	.71LB/H	B*
						.01LB/MMBTU	B*
					NOX*	7.94LB/H	B*
						.08LB/MMBTU	B*
					PM	1.59LB/H	B*
						.02LB/MMBTU	B*
					SO2	.79LB/H	N*
						.01LB/MMBTU	N*
					VOC	.06LB/H	B*
						.00LB/MMBTU	B*
ID NUMBER PA-0002	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
PHILADELPHIA GAS WORKS	PA 78PA03	110.00MMBTU/H	M	BOILER	NOX	74.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	75.00LB/H	B*
ID NUMBER MI-0090	SOURCE TYPE - 2.1 REFUSE INCINERATION						
KENT COUNTY DEPT. OF PUB*	MI 375-87	125.00MMBTU/H		BOILER, SOLID WASTE, 2 EA	AR	6.20UG/DSCM 3H AVG	B*
					BE	.16UG/DSCM 3H AVG	B*
					CA	37.00UG/DSCM 3H AVG	B*
					CO	200.00PPMV 1H AVG	B*
						50.00PPMV 4H AVG	B*
					CR4	4.20UG/DSCM 3H AVG	B*
					FL*	2.50MG/DSCM 3H AVG	B*
					HCL	50.00PPMV, NOTE #2	B*
					HG	.61MG/DSCM 3H AVG	B*

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					H2* 39.00MG/DSCM 3H AVG	B*
					NOX 400.00PPMV 1H AVG	B*
					35.00PPMV 3H AVG	B*
					PB .87MG/DSCM 3H AVG	B*
					PC* 3.00NG/DSCM, NOTE *	B*
					PM .01GR/DSCF 3H AVG	B*
					SO2 50.00PPMV, NOTE #1	B*
					VE 10.00% OPACITY, 6 M*	B*
					VOC 8.30MG/DSCM 3H AVG	B*
ID NUMBER LA-0025 SOURCE TYPE - 6.12 CARBON BLACK						
ASHLAND CHEMICAL CO.	LA LA-339	125.40MMBTU/H	M	BOILER, CO	CO 94.00LB/H	B*
					NOX 26.40LB/H	B*
					PM 6.90LB/H	B*
					SO2 977.30LB/H	B*
					VOC 19.30LB/H	B*
ID NUMBER AL-0029 SOURCE TYPE - 2.1 REFUSE INCINERATION						
HUNTSVILLE SOLID WASTE A*	AL 7-09-I104-X001*	129.40MMBTU/H	N	BOILER, RDF, 2 EA	BE 7.53EE-4 LB/H	B*
					CO 50.00PPM AT 12% CO2*	B*
					7.60LB/H	B*
					HG 320.00G/D, TOTAL	N*
					H2* 70.00% REMOVAL EFF	B*
					1.80LB/H	B*
					NOX .46LB/MMBTU	B*
					59.20LB/H	B*
					PM .02GR/DSCF AT 12%*	B*
					4.50LB/H	B*
					SO2 50.00PPM AT 7% O2, *	B*
					16.65LB/H	B*
ID NUMBER TX-0041 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SABER REFIN.	TX (R)PSD-TX-324	158.00MMBTU/H	M	REBOILER, 2	CO .02LB/MMBTU	B*
					NOX .12LB/MMBTU	B*

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					PM	.01LB/MMBTU	B*
					SO2	.01LB/MMBTU	N*
ID NUMBER LA-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
TENNECO	LA PSD-LA-199	160.00MMBTU/H	M	BOILER, 13	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
ID NUMBER TX-0039	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SIGMORE REFIN. CO.	TX (R)PSD-TX-331	167.80MMBTU/H	M	BOILER	CO	9.68LB/H	B*
					NOX	113.04LB/H	B*
					PM	11.36LB/H	B*
					SO2	132.72LB/H	B*
ID NUMBER TX-0060	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
NEDERLAND PROCESSING CO.	TX TX-262	170.00MMBTU/H	O* N	BOILER	CO	6.20LB/H OIL	B*
						.04LB/MMBTU OIL	B*
					CO	2.60LB/H GAS	B*
						.02LB/MMBTU GAS	B*
					NOX	51.00LB/H OIL	B*
						.30LB/MMBTU OIL	B*
					NOX	20.40LB/H GAS	B*
						.12LB/MMBTU GAS	B*
					PM	8.90LB/H OIL	B*
						.05LB/MMBTU OIL	B*
					PM	2.30LB/H GAS	B*
						.01LB/MMBTU GAS	B*
					SO2	79.30LB/H OIL	B*
						.47LB/MMBTU OIL	B*
					SO2	4.20LB/H GAS	B*
						.03LB/MMBTU GAS	B*
					VOC	1.20LB/H OIL	B*
						.01LB/MMBTU OIL	B*
					VOC	.50LB/H GAS	B*
						.01LB/MMBTU GAS	B*

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ID NUMBER CA-0010	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	CA (R)LA-78-18	125000.00LB/H	M	BOILER, STEAM, 2 EA	NOX	.27LB/MMBTU	L*
						.47LB/MMBTU	L*
					SO2	.21% S FUEL OIL	B*
ID NUMBER LA-0038	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
CITIES SERVICE CO.	LA	173.00MMBTU/H	M	BOILER, POWER HOUSE, B-A3,3C	NOX	60.50LB/H	B*
						.35LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
				BOILER, POWER HOUSE, B-3,B-3B	NOX	60.50LB/H	B*
						.01LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
ID NUMBER AL-0026A	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
EXXON CO., USA	AL 503-4011-X002	173.00MMBTU/H	N	BOILER	CO	35.30LB/H	B*
					NOX	34.60LB/H	B*
					SO2	9.10LB/H	B*
ID NUMBER AL-0026B	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
EXXON CO., USA	AL 503-4011-X003	173.00MMBTU/H	N	BOILER	CO	35.30LB/H	B*
					NOX	34.60LB/H	B*
					SO2	9.10LB/H	B*
ID NUMBER AL-0026C	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
EXXON CO., USA	AL 503-4011-X004	173.00MMBTU/H	N	BOILER	CO	35.30LB/H	B*
					NOX	34.60LB/H	B*
					SO2	9.10LB/H	B*
ID NUMBER AL-0026D	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
EXXON CO., USA	AL 503-4011-X005	173.00MMBTU/H	N	BOILER	CO	35.30LB/H	B*
					NOX	34.60LB/H	B*

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TABLE 1A: CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER LA-0051	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION				SO2 9.10LB/H	B*
PLACID REFINING CO.	LA PSD-LA-522	175.00MMBTU/H	M	BOILER #B-902	NOX 27.20LB/H	B*
					119.20T/YR	B*
					VE NO VISIBLE EMI*	
ID NUMBER OH-0034	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL					
CAMPBELL SOUP CO.	OH 0335010105	150000.00LB/H STEAM	N	BOILER, FLUIDIZED BED, 3	PM .10LB/MMBTU	
					SO2 1.60LB/MMBTU	
ID NUMBER VA-0048	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER					
COGENTRIX VIRGINIA LEASI*	VA 61049	200.00MMBTU/H		GENERATOR, STEAM, 6 EA	CO 120.00LB/H	
					565.60T/YR	
					NO2 120.00LB/H	
					565.60T/YR	
					PM .03LB/MMBTU	
					5.90LB/H	
					SO2 1.52LB/MMBTU	
					304.00LB/H	
					VOC 3.00EE-3 LB/MMBTU	
					.60LB/H	
ID NUMBER CA-0255	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER					
THERMAL ENERGY DEVELOPME*	CA 87-25	20.50MW	N	BOILER, BIOMASS FIRED	CO 1310.60LB/D	
					.21LB/MMBTU	
					NOX 667.80LB/D	
					.11LB/MMBTU	
					PM 251.00LB/D	B*
					.02GR/DSCF AT 12%*	B*
					SOX 381.00LB/YR	
					VOC 307.00LB/D	
					.05LB/MMBTU	

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PROCESS CODE 1.6 REPORT DATE 06/14/1989

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ID NUMBER TX-0157	SOURCE TYPE - 5.2 PETROLEUM REFINING - CONVERSION						
KOCH REFINING CO.	TX 9398	212.50MMBTU/H	M	BOILER, CONVERTED CO	CO	35.00LB/MMSCF	N*
					NOX	.12LB/MMBTU	B*
					PM	5.00LB/MMSCF	N*
					SO2	.10GR H2S/DSCF FU*	B*
					VOC	2.80LB/MMSCF	N*
ID NUMBER LA-0018	SOURCE TYPE - 6.62 OTHER CHEMICAL						
HCC CHEMICAL CO.	LA (R)PSD-LA-108	230.00MMBTU/H	N	BOILER, WASTE GAS	NOX	.20LB/MMBTU	
					PM	.01LB/MMBTU	
ID NUMBER PA-0030	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CONTAINER CORP. OF AM	PA 80168	190000.00LB/H STEAM	M	BOILER #1, RILEY P.C.	PM	.06LB/MMBTU HEAT *	N*
					SO2	.50LB/MMBTU HEAT *	N*
ID NUMBER CA-0134	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
VALLEY POWER ASSOC.	CA SJ 84-02	190000.00LB/H STEAM	N	BOILER	CO	329.00PPMV	
					NOX	143.00PPMV	
					SO2	38.00PPMV	
ID NUMBER TX-0034	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
DIAMOND SHAMROCK CORP.	TX TX-345	240.00MMBTU/H	M	BOILER, PROCESS, 2	CO	6.81LB/H	B*
					NOX	130.00LB/H	B*
					PM	10.06LB/H	B*
					SO2	103.87LB/H	B*
ID NUMBER FL-0011	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING						
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	54681.00LB/H BAGA*	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
				BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
					VOC	2.00LB/T BAGASSE F*	S*
ID NUMBER TX-0075	SOURCE TYPE - 6.14 CHLOROALKALI						
DIAMOND SHAMROCK CORP.	TX TX-276	246.00MMBTU/H	M	GENERATOR, STEAM, HEAT RECOV*	CO	4.08LB/H EA	B*

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						.02LB/MMBTU	B*
					NOX	55.20LB/H EA	B*
						.22LB/MMBTU	B*
					PM	3.60LB/H EA	B*
						.02LB/MMBTU	B*
ID NUMBER CA-0062 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
CALIFORNIA POWER & LIGHT	CA SJ 83-08	80500.00LB/H BIOM*	N	BOILER, 2 EA	CO	309.00LB/H	
					NOX	140.00LB/H	
					PM	.01GR/DSCF	
					SO2	37.00LB/H	
						40.00PPM AT 3% O2	
ID NUMBER TX-0157 SOURCE TYPE - 5.2 PETROLEUM REFINING - CONVERSION							
KOCH REFINING CO.	TX 9398	254.90MMBTU/H	M	BOILER, CO & FCCU FLUE GAS S*	CO	1.19LB/MMBTU	B*
						500.00PPMV IN BOILER*	B*
					NH3	9.00EE-3 LB/MMBTU	N*
					NOX	1.76LB/MMBTU	B*
					PM	.22LB/MMBTU	B*
					SO2	1.24LB/MMBTU	B*
					VOC	1.60EE-3 LB/MMBTU	N*
ID NUMBER TX-0073 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
PETRACO VALLEY OIL & REF*	TX TX-236	255.00MMBTU/H	M	BOILER	CO	2.30LB/H	B*
						.01LB/MMBTU	B*
					NOX	31.70LB/H	B*
						.12LB/MMBTU	B*
					PM	1.90LB/H	B*
						.01LB/MMBTU	B*
					SO2	3.40LB/H	N*
						.01LB/MMBTU	N*
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*

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ID NUMBER PA-0051 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
CONTINENTAL ENERGY ASSOC.	PA 40-306-007	270.00MMBTU/H	N	BOILER, HEAT RECOVERY	NOX .11LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .91LB/MMBTU	B*
					.50% S FUEL	B*
ID NUMBER NC-0024 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
PEAT METHANOL ASSOCIATES	NC 4930	300.00MMBTU/H	N	BOILER, PEAT	PM 9.70LB/H	
					.03LB/MMBTU	
					SO2 153.00LB/H	
					.51LB/MMBTU	
ID NUMBER CA-0032A SOURCE TYPE - 10.1 KRAFT PULP MILLS						
SIMPSON LEE PAPER CO.	CA 74-PO-23	6000.00GAL/H B.L.	N	BOILER, RECOVERY		
					PM .15GR/DSCF	
ID NUMBER TX-0077 SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE						
TEXAS EASTMAN CO.	TX TX-332	330.00MMBTU/H	M	BOILER, 2	CO 4.60LB/H TAR	B*
					3.20LB/H NAT GAS	B*
					NOX 42.00LB/H TAR	B*
					22.80LB/H NAT GAS	B*
					PM 14.00LB/H TAR	B*
					1.00LB/H NAT GAS	B*
					SO2 12.00LB/H TAR	B*
					1.00LB/H NAT GAS	B*
ID NUMBER FL-0012 SOURCE TYPE - 7.8 SUGAR CANE PROCESSING						
OSCEOLA FARMS CO.	FL FL-0012	80000.00LB/H BAGA*	N	BOILER, BAGASSE	PM .15LB/MMBTU INPUT	B*
ID NUMBER MA-0022 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
JAMES RIVER CORP.	MA PSD-88-3 & DE-*	345.00MMBTU/H		BOILER, POWER, #3	CO .60LB/MMBTU	B*
					1040.00T/YR	B*
					NOX .25LB/MMBTU, 300 *	B*
					433.00T/YR	B*

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					PM* .01GR/DSCF AT 7% *	B*
					36.00T/YR	B*
					SO2 16.20T/YR	B*
					VE 20.00% OPACITY	B*
					VOC .07LB/MMBTU	L*
					121.00T/YR	L*
ID NUMBER LA-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
TENNECO	LA PSD-LA-199	350.00MMBTU/H	M	BOILER, CO	CO .02LB/MMBTU GAS	B*
					.03LB/MMBTU OIL	B*
ID NUMBER TX-0052	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
PHILLIPS PETROLEUM CO.	TX PSD-TX-102M-1	370.00MMBTU/H	M	BOILER, CO, 2	CO .02LB/MMBTU	
					NOX 1.90LB/MMBTU	
					PM .31LB/MMBTU	
					SO2 .10LB/MMBTU	
					VOC .00LB/MMBTU	
ID NUMBER AL-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
HAMMERMILL PAPER	AL PSD-AL-062	382.00MMBTU/H	M	BOILER, RECOVERY, #1	PM 4.00LB/ADTP	
					SO2 272.00LB/H	
					TRS 20.00PPM	
ID NUMBER CA-0267	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER					
WHEELABRATOR DELANO ENER*	CA 3107001 THRU 8	400.00MMBTU/H	N	BOILER, FBC, BIOMASS FIRED	CO 56.00LB/H	
					.14LB/MMBTU	
					NOX 31.98LB/H	L*
					.08LB/MMBTU	L*
					PM 17.74LB/H	L*
					.04LB/MMBTU	L*
					SOX 13.88LB/H	L*
					.03LB/MMBTU	L*
					VOC 32.00LB/H	L*
					.08LB/MMBTU	L*

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ID NUMBER MA-0022 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
JAMES RIVER CORP.	MA PSD-88-3 & DE-*	400.00MMBTU/H		BOILER, MAGNEFITE	CO 880.00T/YR	B*
					NOX 462.00T/YR	B*
					PM* .08GR/DSCF, HOURL*	B*
					.05GR/DSCF, 12 MO*	B*
					SO2 10.00PPM, 24H AVG	B*
					13.90T/YR	B*
					VOC 144.00T/YR	L*
ID NUMBER GA-0014 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MMBTU/H	N	BOILER	NOX .30LB/MMBTU BARK/*	N*
					.20LB/MMBTU BARK/*	N*
					PM .10LB/MMBTU	N*
					SO2 .80LB/MMBTU	
					298.00LB/H	
ID NUMBER AL-0018 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	438.00MMBTU/H	N	BOILER, POWER	NOX .70LB/MMBTU	
					PM .23GR/DSCF AT 50%*	
					SO2 2033.00T/YR	
ID NUMBER AL-0019 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	AL 201-0001-X008,*	1340.00ADTP/D	M	BOILER, RECOVERY, #2		
					PM .04GR/DSCF AT 8% *	
					TRS 5.00PPM AT 8% O2	
ID NUMBER MI-0034A SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
CONSOLIDATED PAPER, INC.	MI 84-DLJ-038	445.00MMBTU/H		BOILER, #B24	CO .10LB/MMBTU	B*
					NOX .70LB/MMBTU	B*
					PM .07LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
					VE 20.00% OPACITY	N*
					VOC .05LB/MMBTU	B*

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ID NUMBER AL-0020 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	495.00MMBTU/H	N	GENERATOR, FOSSIL FUEL STEAM	CO	117.00LB/H	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER FL-0010 SOURCE TYPE - 7.8 SUGAR CANE PROCESSING							
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	264000.00LB/H	N	BOILER, BAGASSE/RESIDUE, #6 *	CO	140.00LB/H	B*
						326.00T/YR	B*
					NOX	123.00LB/H	B*
						209.00T/YR	B*
					PM	.15LB/MMBTU	B*
						75.60LB/H	B*
					SO2	14.00T/D	B*
					VOC	140.00LB/H	B*
						325.00T/YR	B*
ID NUMBER AL-0020 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	763.00ADTP/D	N	BOILER, RECOVERY	CO	63.60LB/H	
					NOX	31.80LB/H	
					PM	.04GR/DSCF AT 8% *	
					SO2	391.00LB/H	
					TRS	.50PPM AT 8% O2	
ID NUMBER AR-0007 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
INTERNATIONAL PAPER CO.	AR 78-AR-1	683.40MMBTU/H	N	BOILER, STEAM	CO	70.00LB/H	
					NOX	480.00LB/H	
					PM	.10LB/MMBTU	
					SO2	820.00LB/H	
ID NUMBER AL-0015 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
HAMMERMILL PAPER	AL PSD-AL-062	737.00MMBTU/H	M	BOILER, RECOVERY, #2	CO	456.60LB/H	B*
					NOX	114.20LB/H	B*

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					PM	66.20LB/H	N*
					SO2	1901.00T/YR	B*
					TRS	5.00PPM AT 8% O2	N*
ID NUMBER SC-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
BOWATER CAROLINA CO.	SC (R)P/C-46-210*	900.00T/D ADP	N	FURNACE, RECOVERY	PM	.04GR/DSCF	
					SO2	300.00PPH	
					TRS	5.00PPH	
ID NUMBER MS-0005	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WEYERHAEUSER CO.	MS PSD-MS-027	762.00MMBTU/H	N	BOILER, POWER, COMBUSTION FU*	NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
ID NUMBER NC-0019A	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
FEDERAL PAPER BOARD CO.,*	NC 4924	771.00MMBTU/H	N	BOILER, POWER, #6	CO	.05LB/MMBTU COAL	A*
					NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					NOX	.20LB/MMBTU GAS	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
ID NUMBER CA-0034	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
OCCIDENTAL GEOTHERMAL - *	CA NSR-4-4-1 NC-8*	80.00MW	N	PLANT, POWER	H2S	8.00LB/H	
ID NUMBER ME-0001	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST. REGIS PAPER CO.	ME AEL-13-47	814.00MMBTU/H	M	BOILER, BIOMASS FUEL			
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AL-0018	SOURCE TYPE - 10.1 KRAFT PULP MILLS						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	1086.00ADTP/D	N	BOILER, RECOVERY		
					PM .04GR/DSCF AT 8% *	
					TRS 5.00PPM AT 8% O2	
ID NUMBER AL-0002 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
SCOTT PAPER	AL AL 068	1100.00T/D ADP	M	BOILER, RECOVERY	CO 770.00LB/H	B*
					NOX 242.00LB/H	B*
					402.00T/YR	B*
					PM .04GR/DSCF	N*
					SO2 344.00LB/H	B*
					1003.00T/YR	B*
					TRS 5.00PPM	N*
ID NUMBER TX-0071 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
KIRBY FOREST INDUSTRIES	TX TX-231	935.00MMBTU/H	N	BOILER, RECOVERY	CO 82.60LB/H	B*
					.09LB/MMBTU	B*
					NOX 67.80LB/H	B*
					.07LB/MMBTU	B*
					PM 83.40LB/H	N*
					.09LB/MMBTU	N*
					SO2 434.00LB/H	B*
					.46LB/MMBTU	B*
					TRS 6.10LB/H	N*
					.01LB/MMBTU	N*
ID NUMBER CA-0015A SOURCE TYPE - 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
PACIFIC GAS & ELECTRIC C*	CA NSR 4-4-1 NC 8*	110.00MW	N	PLANT, POWER	H2S 7.50LB/H	B*
ID NUMBER AL-0016 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
MACMILLAN BLOEDAL	AL AL-063	960.00MMBTU/H	M	BOILER, RECOVERY	CO 12325.00T/YR	N*
					NOX 902.00T/YR	N*
					PM .04GR/DSCF AT 8% *	N*
					SO2 2339.00T/YR	N*
					TRS 5.00PPM AT 8% O2	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 06/14/1989

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ID NUMBER MS-0005	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WEYERHAEUSER CO.	MS PSD-MS-027	155.00T/H BLS	N	BOILER, RECOVERY, KRAFT MILL	NOX	70.00PPM	B*
					PM	.04GR/DSCF	N*
					SO2	100.00PPM	B*
					TRS	5.00PPM	N*
ID NUMBER ID-0003	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
POTLATCH	ID	90.00T/H BLS	N	BOILER, RECOVERY	CO	1223.00LB/H	
					NOX	321.00LB/H SEE NOTE 3	
					PM	58.00LB/H SEE NOTE 2	
						.03GR/DSCF	
					SO2	450.00LB/H SEE NOTE 6	
						200.00PPM	
ID NUMBER TX-0083	SOURCE TYPE - 6.27 ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX 5252	1.20MMBTU/H *	N	BOILER, 4 & HEATER, 6	NOX	569.00T/YR	A*
						.18LB/MBTU	A*
					PM	15.00T/YR	
					SO2	1.10T/YR	
ID NUMBER SC-0003	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WESTVACO CORP.	SC SC-037	187500.00LB/H BLS	N	BOILER, RECOVERY, #10	NOX	.25LB/MMBTU	B*
					PM	.03GR/DSCF	B*
					SO2	250.00PPM	B*
					TRS	.02LB/T BLS	N*
ID NUMBER CA-0181	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
PACIFIC GAS & ELECTRIC C*	CA NC 84-02	140.00MW		POWER PLANT	H2S	11.25LB/H	
ID NUMBER MI-0024	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CHAMPION INTERNATIONAL C*	MI 33-80	380000.00LB/H	N	BOILER, RECOVERY, BLACK LIQU*	PM	.04GR/DSCF	N*
					TRS	5.00PPM BY VOL	

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ID NUMBER UT-0024 SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)							
PARAHO DEVELOPMENT CORP. UT		2110.00MMBTU/H	N	POWER GENERATION FACILITY	CO	.02LB/MMBTU	
					NOX	.25LB/MMBTU	N*
					NOX	.20LB/MMBTU	N*
					PM	.02LB/MMBTU	
					SO2	.14LB/MMBTU	
					VOC	.00LB/MMBTU	
ID NUMBER UT-0025 SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)							
WHITE RIVER SHALE OIL CO* UT MAJ 053082-IT		2438.00MMBTU/H	N	BOILER & POWER PLANTS (3 STK)	NOX	.20LB/MMBTU 487.50LB/H	
					PM	.03LB/MMBTU 73.20LB/H	
					SO2	.07LB/MMBTU 166.90LB/H	
ID NUMBER CA-0029 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
PACIFIC GAS & ELECTRIC C* CA (R)NSR-4-4-3 *		2.00MMLB/H ST*	N	PLANT, POWER	H2S	10.40LB/H	B*
ID NUMBER LA-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
CAJUN ELECT. POWER COOP. LA (R)PSD-LA-106		6507.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO	.09LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	1.08LB/MMBTU	
ID NUMBER TX-0004 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
TEXAS UTILITIES SERVICE,* TX PSD-TX-44		750.00MW	N	LIGNITE FIRED STEAM ELECT.	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER TX-0008 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
HOUSTON LIGHTING & POWER TX (R)PSD-TX-371		7863.00MMBTU/H	N	BOILER, LIGNITE FIRED, 2 EA	BE	.00LB/MMBTU	B*
					CO	.11LB/MMBTU	B*
					HG	.00LB/MMBTU	B*
					H2*	.03LB/MMBTU	B*

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					NOX	.60LB/MMBTU	N*
					PB	.00LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	SEE NOTE	
					VOC	.00LB/MMBTU	B*
ID NUMBER TX-0003 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
TEXAS UTILITIES GEN CO.	TX PSD-TX-32	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER TX-0002 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
TEXAS UTILITIES SERVICE,*	TX PSD-TX-47	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
(1) ID NUMBER OR-0003 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
METROPOLITAN SERVICE DIS*	OR 03-2667	2010.00T/D	N	BOILER, 3	CO	1.43LB/T	B*
					F	.02LB/T	B*
					HCL	.67LB/T	B*
					HG	.00LB/T	B*
					NOX	3.58LB/T	B*
					PB	.01LB/T	B*
					PM	.02GR/DSCF	L*
					SO2	.57LB/T	B*
					TE*	.00LB/T	B*
					VOC	.12LB/T	B*
(1) ID NUMBER CA-0266 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
SOUTHERN CALIFORNIA EDIS*	CA SE 80-01		M	BOILER, COAL GASIFIER	CO	50.00PPMV	B*
						77.00LB/H	B*
					NOX	50.00PPMV	B*
						144.00LB/H	B*
					SO2	9.40LB/H, LOW S CO*	U*
					SO2	65.00LB/H, HIGH S C*	U*

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(1) ID NUMBER TX-0187	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
TEXACO CHEMICAL CO.	TX 16909		M	BOILER, 2	CO	570.00T/YR	
					HCL	3.60T/YR	
					PM	52.60T/YR	B*
(1) ID NUMBER MI-0039	SOURCE TYPE - 2.1 REFUSE INCINERATION						
CE - RESOURCE RECOVERY S*	MI 468-83	45.70T RDF/H EA	N	BOILER, WATER WALL, 3	CD	.09LB/H	B*
					CH*	3.50LB/H	B*
					CH*	.02LB/H	B*
					CO	249.00LB/H	L*
					DI*	4.30EE-3 LB/H	B*
					F	3.75LB/H	B*
					HCL	294.00LB/H	B*
					HG	.07LB/H	B*
					NOX	226.00LB/H	B*
					PB	1.37LB/H	B*
					PM	.03GR/DSCF AT 12%*	L*
						40.30LB/H	L*
					SO2	457.10LB/H, NOTE #2	B*
					VE	20.00% OPACITY	B*
					VOC	20.50LB/H	B*
(1) ID NUMBER HI-0004	SOURCE TYPE - 2.1 REFUSE INCINERATION						
CITY & COUNTY OF HONOLUL*	HI HI 84-01	850.00T/D	N	BOILER, RDF FIRED, 2 EA	BE	1.30EE-5 LB/T RDF	B*
						9.00EE-4 LB/H, 3H *	B*
					CO	377.00PPMV, DRY AT 1*	B*
						300.00LB/H, 3H AVG	B*
					F	.04LB/T RDF	B*
						2.60LB/H, 3H AVG	B*
					HG	.00LB/T RDF	B*
						.16LB/H, 3H AVG	B*
					NOX	260.00PPMV, DRY AT 1*	B*
						340.00LB/H, 3H AVG	B*
					PB	.00LB/T RDF	B*

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					.20LB/H, 3H AVG	B*
					PM .02GR/DSCF AT 12%*	B*
					24.00LB/H 3H AVG	B*
					SO2 30.00PPMV, DRY AT 1*	B*
					70.00PPMV, DRY AT 1*	B*
					VE 20.00% OPACITY	S*
					VOC 21.00PPMV, DRY AT 1*	B*
					18.00LB/H, 3H AVG	B*
(1) ID NUMBER CA-0183	SOURCE TYPE -	2.1 REFUSE INCINERATION				
CITY OF LONG BEACH	CA LA 83-01	450.00T/D	N	BOILER, WATER WALL, 3 EA	HF 3.30LB/H	
					HG .13LB/H	
					PB .08LB/H	
					SO2 26.00PPM AT 12% CO2*	
(1) ID NUMBER CA-0184	SOURCE TYPE -	2.1 REFUSE INCINERATION				
ENERCAN RESOURCES, INC.	CA LA 84-02	450.00T/D	N	BOILER, WATER WALL, 4 EA	HF .32LB/H	
					HG .12LB/H	
					PB .26LB/H	
					SO2 26.00PPM AT 12% CO2*	
(1) ID NUMBER MA-0002	SOURCE TYPE -	2.1 REFUSE INCINERATION				
ENERGY ANSWERS CORP.	MA 025-120MA14	600.00T/D RDF EA	N	BOILER, WATER COOLED, 3 EA	NOX .50LB/MMBTU	B*
					PM .05GR/DSCF 12% CO2	B*
					SO2 .34LB/MMBTU	B*
					.30% S BY WT, OIL	B*
(1) ID NUMBER CA-0132A	SOURCE TYPE -	2.1 REFUSE INCINERATION				
NORTH COUNTY RESOURCE RE*	CA SD 84-01	1024.00T/D		BOILER	HF 1.30LB/H, 2 H AVG	
					HG .13LB/H, 2 H AVG	
					NOX 200.00PPM AT 12% CO2*	
					PB 4.00EE-4 GR/DSCF A*	
					SO2 70.00PPM AT 12% CO2*	
					30.00PPM AT 12% CO2*	

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(1) ID NUMBER CA-0132 SOURCE TYPE - 2.1 REFUSE INCINERATION						
NORTH COUNTY RESOURCE RE*	CA 30289	46.40T/H RDF	N	BOILER, SEE NOTE #1	AS 2.84EE-6 LB/H	
					BE 2.34EE-5 LB/H	
					CD 1.09EE-2 LB/H	
					CO 400.00PPMV, 8 H AVG	L*
					236.00LB/H	L*
					CR 1.46EE-3 LB/H	
					CU 1.56EE-2 LB/H	
					FSP 8.00EE-3 GR/DSCF	
					HCL 30.00PPMV, 8 H AVG	
					10.40LB/H	
					HF 3.00PPMV, 8 H AVG	
					.21LB/H	
					HG 7.95EE-2 LB/H	
					MN 2.80EE-2 LB/H	
					MO 7.54EE-4 LB/H	
					NI 1.53EE-4 LB/H	
					NOX 200.00PPMV, 8 H AVG	B*
					169.00LB/H	B*
					OD* 1.00000R UNIT AT P*	
					PAH 2.39EE-5 LB/H	
					PB 1.27EE-1 LB/H	
					PCB 1.52EE-4 LB/H	
					PC* 8.12EE-4 LB/H	
					PC* 1.64EE-3 LB/H	
					PH .01GR/DSCF	
					64.50LB/H	
					SB 1.73EE-2 LB/H	
					SE 6.71EE-5 LB/H	
					SN 1.44EE-2 LB/H	
					SO2 30.00PPMV, 8 H AVG	
					38.90LB/H	
					V 6.29EE-3 LB/H	

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					VE 10.00% OPACITY INST*	
					.00% OPACITY > 3 *	
					VOC 30.00PPMV, 8 H AVG	L*
					10.10LB/H	L*
(1) ID NUMBER CA-0185	SOURCE TYPE - 2.1 REFUSE INCINERATION				ZN 3.86EE-3 LB/H	
STANISLAUS WASTE ENERGY *	CA SJ 86-03	400.00T/D	N	BOILER, WATER WALL, 2 EA	CO 400.00PPM AT 12% CO2	
					HG .08LB/H	
					NOX 175.00PPM AT 12% CO2*	
					PM .01GR/DSCF AT 12%*	
					SO2 42.00PPM AT 12% CO2*	
(1) ID NUMBER TX-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387		M	BOILER COMPLEX, CO	CO 175.50LB/H	N*
					NOX 103.50LB/H	B*
					SO2 48.00LB/H	N*
(1) ID NUMBER AZ-0001	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
PROVIDENT ENERGY CO.	AZ (R)AZP79-02		N	BOILER & HEATER	NOX .43LB/MMBTU 2H AV	
(1) ID NUMBER VI-0001	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION					
VIRGIN ISLANDS REFINERY *	VI NONE	175000.00BBL/D	N	BOILER, FOSSIL FIRED, 3	CO 14.00T/YR	B*
					NOX .20LB/MMBTU GAS	B*
					.30LB/MMBTU OIL	B*
					PM .35LB/MMBTU	B*
					SO2 20.00PPM H2S GAS	B*
					.33% S BY WT, OIL	B*
					VOC 3.00T/YR	B*
(1) ID NUMBER CO-0009	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)					
OXY-LOGAN WASH MODIF.1980 CO			M	BOILER, ETC	CO 2.00LB/H	B*
					NOX 52.00LB/H	B*
					PM 7.00LB/H	B*

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					SO2	31.00LB/H	
					VOC	3.00LB/H	B*
(1) ID NUMBER UT-0020	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
TOSCO OIL SHALE-1981	UT		N	BOILER, AUXILIARY, 2			
					CO	2.90LB/H	B*
					NOX	18.00LB/H	B*
					PM	3.20LB/H	B*
					SO2	8.00LB/H	B*
(1) ID NUMBER CO-0014	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
UNION OIL SHALE #1	CO			BOILER, STEAM			
					NOX	12.00LB/H	B*
(1) ID NUMBER TX-0214	SOURCE TYPE - 6.1 ACRYLONITRILE PLANT						
STERLING CHEMICALS, INC.	TX 1272A		H	BOILER, #A, WASTE INCIN			
					AN	.05T/YR	
					CO	81.00T/YR	
					HCN	2.00T/YR	
					NH3	73.60T/YR	
					NOX	343.00T/YR	
					VOC	13.70T/YR	B*
(1) ID NUMBER TX-0208	SOURCE TYPE - 6.62 OTHER CHEMICAL						
CHEMICAL RECLAMATION SER*	TX 9607			BOILER, 2			
					CO	37.73T/YR	
					HCL	1.20T/YR	
					NOX	55.20T/YR	
					PM	.13T/YR	
					SO2	17.60T/YR	
					VOC	1.93T/YR	B*
(1) ID NUMBER GA-0005	SOURCE TYPE - 6.62 OTHER CHEMICAL						
UNION CARBIDE	GA GA 069		M	BOILER			
					SO2	418.00T/YR	
(1) ID NUMBER TX-0117	SOURCE TYPE - 8.22 OTHER METALLURGICAL PROCESSES						
LEVIN FIXTURE CORP.	TX X-4027		N	BOILER			
					CO	.14LB/H	
					NOX	1.84LB/H	

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					PM	.12LB/H	
(1) ID NUMBER MI-0035	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CONSOLIDATED PAPERS, INC.	MI 86-AJH-001	1.40MMLB/D BLS	M	BOILER, RECOVERY	CO	1000.00PPMDV	B*
						317.60LB/H	B*
					NO2	53.00PPMDV	B*
						27.50LB/H	B*
					PM	.03GR/DSCF AT 8% *	B*
					SO2	158.00PPMDV	B*
						114.60LB/H	B*
					TRS	5.00PPMDV AT 8% O2	B*
					VE	20.00% OPACITY	B*
(1) ID NUMBER MS-0008	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
LEAP RIVER FOREST	MS MS 035		N	BOILER, RECOVERY	PM	.04GR/DSCF	B*
					SO2	458.00LB/H	B*
						300.00PPM	B*
					TRS	5.00PPM AT 8% FUEL	B*
(1) ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	2.30MM LB/D B*	N	BOILER, KRAFT RECOVERY	CO	2.00LB/T ADP	
				BOILER, KRAFT RECOVERY	CO	2.00LB/T ADP	
				BOILER, KRAFT RECOVERY	CO	2.00LB/T ADP	
				BOILER, KRAFT RECOVERY	NOX	210.00PPMV DRY T	
				BOILER, KRAFT RECOVERY	NOX	210.00PPMV DRY T	
				BOILER, KRAFT RECOVERY	NOX	210.00PPMV DRY T	
				BOILER, KRAFT RECOVERY	PM	.04GR/DSCF	
				BOILER, KRAFT RECOVERY	PM	.04GR/DSCF	
				BOILER, KRAFT RECOVERY	PM	.04GR/DSCF	
				BOILER, KRAFT RECOVERY	SO2	230.00PPMV DRY T	
				BOILER, KRAFT RECOVERY	SO2	230.00PPMV DRY T	
				BOILER, KRAFT RECOVERY	SO2	230.00PPMV DRY T	
				BOILER, KRAFT RECOVERY	TRS	5.00PPMV DRY T	
				BOILER, KRAFT RECOVERY	TRS	5.00PPMV DRY T	

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX G.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
(1) INDICATES ENTRY NOT IN ORDER OF BOILER SIZE IN MMBTU/H. THIS ENTRY DID NOT CONTAIN BOILER (PROCESS) CAPACITY INFORMATION AND THEREFORE COULD NOT BE LISTED IN ORDER OF SIZE.

TABLE 2A-1. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 06/14/1989

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				BOILER, KRAFT RECOVERY	TRS	5.00PPMV DRY T	
(1) ID NUMBER SC-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WILLAMETTE INDUSTRIES	SC 1680-0043	840.00T/D ADP	N	BOILER, RECOVERY, #1	CO	2.00LB/T ADP	B*
					NOX	150.00PPM, DRY BASIS	B*
					PM	.03GR/DSCF AT 8% *	B*
					SO2	200.00PPM, DRY BASIS	B*
					TRS	5.00PPM AT 8% O2	N*
					VE	35.00% OPACITY	N*
					VOC	2.00LB/T ADP	B*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX G.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
(1) INDICATES ENTRY NOT IN ORDER OF BOILER SIZE IN MMBTU/H. THIS ENTRY DID NOT CONTAIN BOILER (PROCESS) CAPACITY INFORMATION AND THEREFORE COULD NOT BE LISTED IN ORDER OF SIZE.

APPENDIX D

DETAILED LISTING OF SOURCE TYPE CODES

SOURCE TYPE CATEGORIES

Source type	Code
1. External Combustion	1.0
Coal combustion	1.1
Oil combustion	1.2
Natural gas combustion	1.3
Wood waste combustion	1.4
Multiple fuels	1.5
Other	1.6
2. Solid Waste Disposal	2.0
Refuse incineration	2.1
Sewage sludge incineration	2.2
Other	2.3
3. Internal Combustion	3.0
Natural gas turbines	3.1
Natural gas compressors	3.2
Other	3.3
4. Organic Evaporation Loss	4.0
Surface coating of cans and coils	4.1
Surface coating of paper and fabrics	4.2
Surface coating of automobiles and light-duty trucks	4.3
Surface coating of metal furniture	4.4
Surface coating of magnet wire	4.5
Surface coating of large appliances	4.6
Surface coating of miscellaneous metal parts and products	4.7
Surface coating of flatwood paneling	4.8
Solvent degreasing	4.9
Waste solvent reclamation	4.11
Graphic arts - rotogravure	4.12
Graphic arts - flexography	4.13
Graphic arts - offset (lithography)	4.14
Graphic arts - other	4.15
Dry cleaning	4.16
Surface coating of wood furniture	4.17
Surface coating of wood cabinets	4.18
Surface coating of plastic parts	4.19
Other	4.21

(continued)

SOURCE TYPE CATEGORIES (continued)

Source type	Code
5. Petroleum refining, oil and gas production, and related industries	5.0
Petroleum refining - separation processes (distillation and light ends recovery)	5.1
Petroleum refining - conversion processes (cracking, reforming, alkylation, polymerization, isomerization, and coking)	5.2
Petroleum refining - treating processes (hydrodesulfurization, hydrotreating, chemical sweetening, acid gas removal, and deasphalting)	5.3
Petroleum refining - feedstock (storage, blending, loading, and unloading)	5.4
Petroleum refining - auxiliary (boilers, wastewater treatment, hydrogen production, sulfur recovery, cooling towers, blowdown system, compressor engines, heaters, and incinerators)	5.5
Petroleum refining - entire operation	5.6
Bulk terminals	5.7
Bulk plants	5.8
Storage of petroleum liquids	5.9
Transportation and marketing of petroleum products	5.11
Natural gas/gasoline processing plants	5.12
Asphalt and associated products manufacturing and processing	5.13
Crude petroleum and natural gas production including oil shale	5.14
Oil and gas field services	5.15
Other	5.16
6. Chemical Process Industry	6.0
Acrylonitrile	6.1
Acetic acid	6.2
Acrylic acid	6.3
Acetic anhydride	6.4
Acrolein	6.5
Acetaldehyde	6.6
Adipic acid	6.7
Aniline	6.8
Alkylbenzene	6.9
Butadiene	6.11
Carbon black	6.12
Charcoal	6.13
Chloroalkali	6.14
Chlorobenzene	6.15
Chloromethane	6.16

(continued)

SOURCE TYPE CATEGORIES (continued)

Source type	Code
Chloroprene	6.17
Caprolactam	6.18
Cyclohexanol, cyclohexane	6.19
Cumene	6.21
Dimethyl terephthalate	6.22
Ethylene dichloride	6.23
Ethylene and polyethylene	6.24
Ethylene oxide	6.25
Ethylene glycols	6.26
Ethylbenzene/styrene	6.27
Ethyl acetate	6.28
Epichlorohydrin	6.29
Fluorocarbons	6.31
Formaldehyde	6.32
Glycol ethers	6.33
Hydrochloric acid	6.34
Hydrofluoric acid	6.35
Maleic anhydride	6.36
Methanol	6.37
Methyl ethyl ketone	6.38
Nitric acid	6.39
Nitrobenzene	6.41
Paint and varnish	6.42
Pharmaceutical	6.43
Phosphoric acid	6.44
Phthalic anhydride	6.45
Proylene oxide	6.46
Phenol/acetone	6.47
Soap and detergents	6.48
Sodium carbonate	6.49
Sulfuric acid	6.51
Sulfur recovery	6.52
Synfuels and fuel conversion other than oil shale	6.53
Synthetic fibers	6.54
Synthetic rubber/rubber tires	6.55
Toluene diisocyanate	6.56
Trichloroethane	6.57
Terpthalic acid	6.58
Vinyl chloride and polyvinyl chloride	6.59
Alcohol fuel production	6.61
Other	6.62
7. Food and Agricultural	7.0
Alfalfa dehydrating	7.1
Roasting	7.2
Feed and grain mills and elevators	7.3

(continued)

SOURCE TYPE CATEGORIES (continued)

Source type	Code
Fermentation and alcoholic beverages	7.4
Fish processing	7.5
Fertilizer plants	7.6
Starch manufacturing	7.7
Sugar cane processing	7.8
Fats and vegetable oils	7.9
Fruit and vegetable processing	7.11
Other	7.12
8. Metallurgical	8.0
Primary aluminum production	8.1
Coke production	8.2
Primary copper smelting	8.3
Ferroalloy production	8.4
Iron and steel production	8.5
Primary lead smelting	8.6
Zinc smelting	8.7
Secondary aluminum	8.8
Secondary copper smelting and alloying	8.9
Gray iron foundaries	8.11
Secondary lead smelting	8.12
Secondary magnesium smelting	8.13
Steel foundaries	8.14
Secondary zinc processing	8.15
Storage battery production/reclamation	8.16
Lead oxide and pigment production	8.17
Miscellaneous lead products	8.18
Ore crushing and grinding	8.19
Sintering	8.21
Other	8.22
9. Mineral Products Industry	9.0
Asphalt batching plants	9.1
Bricks, ceramic, and related clay products	9.2
Refractories	9.3
Portland cement manufacturing	9.4
Cement manufacturing - other than portland	9.5
Coal cleaning	9.6
Coal cleaning (thermal dryer)	9.7
Glass fiber manufacturing	9.8
Frit manufacturing	9.9
Glass manufacturing	9.11
Gypsum manufacturing	9.12
Lime manufacturing	9.13
Mineral wool manufacturing	9.14

(continued)

SOURCE TYPE CATEGORIES (continued)

Source type	Code
Perlite manufacturing	9.15
Phosphate rock processing	9.16
Stone quarrying, sand and gravel processing	9.17
Taconite ore processing	9.18
Mining operations	9.19
Other	9.21
10. Wood Products	10.0
Kraft pulp mills	10.1
Wood pulping other than kraft	10.2
Hardboard	10.3
Plywood plants	10.4
Woodworking	10.5
Other	10.6
11. General Manufacturing and Fabrication	11.0
12. Institutional/Commercial	12.0

APPENDIX E

ABBREVIATIONS FOR PROCESS AND EMISSION LIMITS

Abbreviations for Process and Emission Limits

ADD	additive
AL	aluminum
AM	American
ASSOC	association
ATMOS	atmospheric
CALC	catalytic
CO	company
COLL	collection
COOP	cooperative
CORP	corporation
DECARB	decarbonization
DESULF	desulfurization
DISTIL	distillation
DISTN	distribution
DIV	division
E	eastern
EA	each
ELECT	electric
FAC	facility
FCC	fluid catalytic cracking
FCCU	fluid catalytic cracking unit
FURN	furnace

GEN	generator
HAND	handling
I.C.	internal combustion
INCIN	incinerator
INDEPEN	independent
INTERNAT	international
LAB	laboratory
LDOUT	loadout
LIQ	liquid
LT	light
MATL	material
MFG	manufacturing
MISC	miscellaneous
MODIF	modification
NAT	natural
NATL	national
PREP	preparation
PROD	production
PWR	power
REC	recovery
RECIP	reciprocating

RECLAM	reclaimation
REFIG	refrigeration
REFIN	refinery
REG	regular
REGEN	regenerator
RESID	residual
ROT	rotary
SCRUB	scrubber
SECOND	secondary
SHIP	shipping
STOR	storage
SUP	supplementary
SYS	system
TRANS	transmission
UNIV	university
VAC	vacuum
VERT	vertical

KG	kilogram
KW	kilowatt
LB	pound
LT	long ton
M	thousand (10^3)
MM	million (10^6)
MG/L	milligram per liter
MW	megawatt
N	natural
NG	nanogram
PPM	parts per million
PPH	parts per hundred
RDF	refuse derived fuel
RESID	residual
S	sulfur
SB	subbituminous
SCF	standard cubic feet
SCFD	standard cubic feet per day
SCFM	standard cubic feet per minute
SEC	second
SQF	square feet
T	ton
VOL	volume
WKS	weeks
YR	year

ACF	actual cubic feet
ACFM	actual cubic feet per minute
ADP	air dried pulp
AV	average
BBL	barrels
BLS	black liquor solids
BPSD	barrels per stream day
BTU	British thermal units
CF	cubic feet
CFM	cubic feet per minute
CU YD	cubic yard
D	day
D FEED	dry feed
DACF	dry actual cubic feet
DIST	distillate
DSCF	dry standard cubic feet
F	feet
G	gram
G/HP-H	grams per horsepower - hour
G/O	gas/oil
GAL/M	gallons per minute
GR	grains
H	hour
HP	horsepower
J	joule

APPENDIX F

FORMAT FOR BACT/LAER CLEARINGHOUSE SUBMITTALS AND INSTRUCTIONS FOR COMPLETING BACT/LAER INPUT SUMMARY SHEET

INSTRUCTIONS FOR COMPLETING BACT/LAER CLEARINGHOUSE INPUT SUMMARY SHEET

1. Source Type/Size: Where possible, use one of the categories listed in Appendix D (Detailed Listing of Source Type Codes) of the April 1983 BACT/LAER Clearinghouse Compilation (attached) to define the source type. If the source you have is not contained in the list of source type codes, list it by its name. Size should indicate the total capacity of the new or modified plant, not just the size of the unit or units covered by the plant, i.e., an 1800 mw power plant is made up of three 600 mw units. The size should be 1800 mw not 600 mw. Whenever possible, use the standardized list of abbreviations (Appendix E -- Abbreviations for Process and Emission Limits) for units of measure (copy attached).

2. Source Code: Enter a source code listed in Appendix D.

3. Company Name/Site Location: Insert name and address of the proposed facility. The address should be the location of the proposed facility not the address of the parent company unless they are the same. City and/or county locations are usually enough, unless there is more than one plant for the company in the same city or county.

4. Determination: Circle "BACT" or "LAER" depending on the type of determination. In some cases both should be circled depending on the status of the pollutants in question. Circle "New" or "Modified," depending on the nature of the permit. If the permit covers a new unit at a new or existing source, it should be marked as "New." If the addition of a new unit to an existing source triggers a new permit for the entire source, then it should be circled "Modified." If the permit is only for a single unit, but the unit was modified, then it should be circled "Modified."

5. Permit Number: This should be the identification number assigned by the agency that issued the permit.

6. Date of Permit Issuance: Specify day, month, and year.

7. Date of Estimated Start-up: Specify day, month, and year. This item should be your best estimate as to when the permitted unit will reach full-scale commercial operation. Other control agencies could use this date to decide if follow-up calls should be made for new information. Reducing the number of follow-up calls to your Agency should reduce your work-load.

Using our automated system and this date, we can supply you with a list of your sources that may give you some follow-up information.

8. Determination Made By: Designate the agency and the person to whom telephone requests should be directed. This should be the person most capable of responding to factual questions about the permit decision. Please include the area code with the phone number.

9. Permit Parameters: List all processes subject to this permit by name (e.g., kiln, boiler) for which a throughput limit, operating limit, emission limit, control strategy, performance or equipment standard has been specified.

Process name or process equipment should be listed with the generic name first; followed by any specifics regarding the process; followed by the number of units or pieces of equipment being permitted if more than one. For example:

Boiler, coal-fired, 3 each
Kiln, 3 each
Conveyors, coal/limestone
Furnace, arc
Boiler, recovery
Boiler, power
Engines, gas-fired

10. Throughput Capacity: Indicate the maximum design capacity of the unit. Where possible, use the same units of measure used in the NSPS to describe the size of a source. Wherever possible, use the list of standardized abbreviations for process and emission limits - Appendix E.

11. Pollutant(s) Emitted: An entry should be made for each pollutant or parameter for which a control requirement or other restraint has been specified (PM, SO_2, CO_2, NO_x, opacity, or others). Use a separate line for each entry and identify the pollutant. Use the following standard abbreviations for the pollutants wherever possible:

PM	Particulate Matter
SO_2	Sulfur Dioxide
NO_x	Nitrogen Oxides
CO	Carbon Monoxide
VOC	Volatile Organic Compounds
VE	Visible Emission
TRS	Total Reduced Sulfur
F	Fluoride
Be	Beryllium
H_2S	Hydrogen Sulfide
Hg	Mercury
VC	Vinyl Chloride

12. BACT/LAER Emission Limit(s): For consistency and ease of comparison list the emission limit or rate in the same units of measure as those used for NSPS or those used in AP-42 for those source types where an NSPS has not been proposed or promulgated. Wherever possible use the list of standard abbreviations (Appendix E).

If there are two ways of expressing the emission limits or there are two limits the source must meet, these alternate or additional emission limits can be entered as alternate limits in the system and should be designated with an "Alter." on the form.

13. Regulatory Requirements Associated with Limit: Indicate the regulatory requirement that precipated establishing the limit presented, i.e., BACT, LAER, RACT, NSPS, NESHAPS, SIP, NAAQS constraint, internal constraints, or other items.

Do not list such items as stack test, design or others. These items generally represent the supporting information that may have been used to document or establish the given limit. Such items should be included in the notes section.

To facilitate the identification of limits the following abbreviations can be used:

B = BACT
L = LAER
N = NSPS
H = NESHAPS
A = Constraint by NAAQS or PSD increment
I = Internal Constraints
S = SIP
R = RACT
U = Unregulated

The following example is given to illustrate how a set of emission limits should be identified. Given:

A new 250 mm Btu/HR coal and chemical waste fired boiler located in an area that is nonattainment for SO_2 and attainment for all other pollutants. The NO_x limit was determined by ambient air quality constraints that required more control than BACT. Neither CO nor VOC are subject to BACT because of emissions below the PSD cut-off for BACT review. The State has no requirements for CO.

The emission limits for this boiler should be listed as follows:

PM	x lb./MM BTU	B
SO_2	y lb./MM BTU	L
NO_x	z lb./MM BTU	A
VOC	98% control	S
CO	b lb./MM BTU	U

14. Control Equipment or Process Modification Description: Describe control equipment (ESP, fabric filter, etc.), operational modifications, limits on the type and amount of raw materials used, limits on throughput or hours of operation, maintenance requirements, equipment specifications, or other limitations. Align these listings with data presented in preceding columns 11 and 12. Information in this section may be supplemented under the "Notes" section.

15. Efficiency %: Enter the overall system efficiency, consisting of capture (hoods, ductwork, etc.) and collection (control device) efficiency. Any breakdown of efficiencies for capture or collection individually should be shown under "Notes."

16. Notes: This section is for the completion or elaboration of any of the above items where space was a problem. Also, any information that you feel other agencies should know about this determination should appear here. Notes are typically used for the following:

- more than one permit number,
- more detail on a particulate process,
- more than one contact person,
- further explanation regarding the designation of a source as new or modified,
- further explanation of the emission limit or the support documentation associated with setting the limit (i.e., limit based on design or stack test).

Mail to: Bob Blaszczak
BACT/LAER Clearinghouse
OAQPS, MD-13
RTP, N.C. 27711

BACT/LAER DETERMINATION INPUT SUMMARY SHEET

Source Code

Date of This Report

Source Type/Size: _____

Company Name/Site Location: _____

Determination is: (circle appropriate definition) BACT/LAER For New/Modified Source: Date of Permit Issuance: _____

Permit No.: _____ Date of Estimated Start-up: _____

Determination Made By: _____ (Agency)

(Person Directly Knowledgeable About Permit) (Phone)

Permit Parameters: (List all processes subject to this permit)	Maximum Design Capacity	* Pollutant Regulated	Emission limit(s) units of emissions/ units of input	** Reg. reqmts. assoc. w/limit	Control equipment of process modification description	Efficiency %

Notes: _____

*Use the following abbreviations wherever possible: PM=particulate matter, SO_2=sulfur dioxide, NO_x=nitrogen oxides, CO=carbon monoxide, VOC=volatile organic compounds, VE=visible emission, TRS=total reduced sulfur, F=fluoride, Be=beryllium, H_2S=hydrogen sulfide, Hg=mercury, VC=vinyl chloride.

**Please use the following abbreviation: B=BACT, L=LAER, N=NSPS, H=NESHAP, A=NAAQS or PSD constraints, S=SIP, R=RACT, U=Unregulated.

Page __ of ___

APPENDIX G

DETAILED SOURCE LISTINGS FOR NEW DETERMINATIONS

APPENDIX -- DETAILED SOURCE LISTING

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: EDENSBURG POWER CO. , PA

CAMBRIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 11-306-003
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)

BRUCE FRY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/06/88
ESTIMATED DATE OF START-UP--
(412)-645-7100 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUID BED	617.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGHOUSE	BACT
		SO2	1.0000 LB/MMBTU, 24H ROLL AVG		99.98
			90.0000 % CONTROL	LIMESTONE INJ.	BACT
		NOX	0.6000 LB/MMBTU		90.00
		CO	0.1800 LB/MMBTU		BACT
					BACT

NOTES --------
CEM FOR O2, SO2, NOX

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

ID NUMBER PA-0049

SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 400000.00 LB/H STEAM

COMPANY NAME/SITE LOCATION: FORT HOWARD CORP. — GREEN BAY, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 88-AJH-031
DETERMINATION MADE BY WISCONSIN DNR (AGENCY)
ALLEN HUBBARD (AGENCY CONTACT PERSON)
(608)-266-3450 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/21/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFBC	505.00 MMBTU/H				
		PM	0.0500 LB/MMBTU	BAGHOUSE	BACT
		SO2	0.7000 LB/MMBTU		
			90.0000 % REDUCTION	LIMESTONE INJ.	BACT
		NO2	0.4900 LB/MMBTU	PROPER BED OPERATION	90.00 BACT
		CO	0.2000 LB/MMBTU	PROPER BED OPERATION	BACT
		VOC	2.2100 LB/H		SIP
		PB	0.0300 LB/H		SIP
		BE	9.0000 EE-4 LB/H		BACT
		HG	0.0400 LB/H		BACT
		ACI*	3.6000 LB/H		BACT
		VE	10.0000 % OPACITY, 6 MIN AVG		BACT
		FUG*	10.0000 % OPACITY	COAL & ASH TRANSFER	BACT

NOTES --------
AUTHORIZED FUELS INCLUDE BITUMINOUS COAL, SUB- BITUMINOUS COAL, PETROLEUM COKE, & FOR START-UPS. NAT GAS/#2 FUEL OIL. CEMS ARE REQUIRED FOR OPACITY (6 MIN AVG), SO2, & NOX (3 H AVG).

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: GOODYEAR
UNITED DEVELOPMENT GROUP — NIAGARA FALLS, NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/14/88
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED, COAL FIR*	577.00 MMBTU/H				
		SO2	0.5000 LB/MMBTU 90.0000 % REDUCTION		BACT
				LIMESTONE BED	90.00
		NOX	0.5000 LB/MMBTU		BACT
				COMBUSTION CONTROL	90.00
		PM/*	0.0220 LB/MMBTU		LAER
				FABRIC FILTER	99.00
		CO	0.2000 LB/MMBTU		BACT
				COMBUSTION CONTROLS	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: GHF POWER SYSTEMS CO., INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 31130-31133,30686
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
S. LOPEZ (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/11/88
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, CIRCULATING FLUIDIZE*	202.00 MMBTU/H				
		NOX	360.0000 LB/D		
			0.0740 LB/MMBTU		BACT
				AMMONIA INJECTION SYSTEM	
		SO2	528.0000 LB/D		
			0.1090 LB/MMBTU		BACT
				0.05% S FUEL OIL	
				SORBENT INJECTION SYSTEM	
		PM	30.0000 LB/D		
			0.0050 GR/DSCF AT 12% CO2		
				BAGHOUSE, PULSEJET	
		CO	550.0000 LB/D		
			0.0900 LB/MMBTU		
				BEST ENGINEERING PRACTICES	

NOTES --------
COMBUSTOR MAY FIRE COAL & 0.05% S FUEL OIL FOR NO MORE THAN 88 DAYS/YEAR. PM MASS EMISSION LIMIT INCLUDES PM EMISSIONS FROM OTHER SOURCES. PM LIMIT APPLIES TO THE COMBUSTOR BAGHOUSE OUTLET.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: MOUNT POSO COGENERATION CO. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4177005
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SILO, LIME STORAGE	50.00 T				
		PM	0.5100 LB/D	FABRIC COLLECTOR LIMITED TO TRANSFER RATE OF 50 T/D	BACT 99.80

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 90.00 MW

COMPANY NAME/SITE LOCATION: NORTH BRANCH ENERGY PARTNERS LP — ROBINSON TOWNSHIP, PA, WASHINGTON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 63-306-004
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
BRUCE FRY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/26/88
ESTIMATED DATE OF START-UP-- 1991
(412)-645-7129 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB, 2 EA	563.00 MMBTU/H			
		PM	0.0300 LB/MMBTU	B/N
			FABRIC COLLECTOR	99.00
		PM10	0.0280 LB/MMBTU	BACT
			FABRIC COLLECTOR	
		SO2	0.9100 LB/MMBTU, 30D ROLL AVG	BACT
			90.0000 % CONTROL	
			LIMESTONE INJ.	
		NOX	0.6000 LB/MMBTU	BACT
		CO	0.1500 LB/MMBTU	BACT
		VOC	0.0200 LB/MMBTU	BACT

NOTES --------
FUEL IS BITUMINOUS COAL WASTE - 4589 BTU/LB, 2.08 WT% S, 55.93 WT% ASH. INITIAL STACK TESTS - PM,SO2, NOX,VOC, & CO -- ALSO HG ,BE,PB,AS, & FLUORIDES. CONTINUOUS MONITORING - VE,SO2,NOX, & O2. DEPARTMENT RESERVES RIGHT TO ADD CEM FOR CO.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 49.00 MW

COMPANY NAME/SITE LOCATION NORTHEASTERN POWER CO. KLINE TOWNSHIP, PA
SCHUYLKILL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 54-306-006
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
MIKE SAFKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/17/88
ESTIMATED DATE OF START-UP--
(717)-826-2531 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB	513.00 MMBTU/H				
		PM	0.0280 LB/MMBTU		BACT
				FABRIC FILTER	99.00
		SO2	0.3200 LB/MMBTU		BACT
			0.5000 % S		
				LIMESTONE INJ.	
		NOX	0.6000 LB/MMBTU		B/W

NOTES --------
ANTHRACITE COAL/CULM 12700 BTU/LB. OPACITY, SO2, NOX CONTINUOUS MONITORS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 80.00 MW

COMPANY NAME/SITE LOCATION: SCRUBGRASS POWER CORP. — SCRUBGRASS TOWNSHIP, PA, VENANGO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 61-306-001
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
WILLIAM CHARLTON (AGENCY CONTACT PERSON)
(814)-724-8530 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/18/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB, COAL WASTE FIRED, 2	599.00 MMBTU/H				
		PM10	0.0300 LB/MMBTU	FABRIC COLLECTOR	BACT
		PM	0.0300 LB/MMBTU	FABRIC COLLECTOR	B/N 99.96
		SO2	0.4500 LB/MMBTU	LIMESTONE INJ	BACT 95.00
		NOX	0.3000 LB/MMBTU	COMBUSTION CONTROL	BACT
		CO	0.1000 LB/MMBTU		BACT
		VOC	0.0050 LB/MMBTU		BAT
		VE	10.0000 % OPACITY, 3 MIN/H 30.0000 % OPACITY, MAX		BACT

NOTES --------
AVERGING PERIOD FOR SO2,NOX,CO, & VOC ARE ALL 1 HOUR. CONTINUOUS MONITORING FOR VE,SO2,O2, & NOX. TESTING REQUIREMENTS FOR AS, BE,CD,CRVI,PB,HG, & NI.
FUEL IS BITUMINOUS COAL WASTE - 6500 BTU/LB, 3% S , 46% ASH

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

APPENDIX -- DETAILED SOURCE LISTING

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 577.00 MMBTU/H

COMPANY NAME/SITE LOCATION: UNITED DEVELOPMENT GROUP - NIAGARA INC. — 5400 FRONTIER AVE. — NIAGARA FALLS, NY — NIAGARA COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)

JAMES HARRINGTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/25/88
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED, COAL FIR*	577.00 MMBTU/H	NOX	0.5000 LB/MMBTU	COMBUSTION CONTROL	BACT
		SO2	0.5000 LB/MMBTU	3% SULFUR IN COAL	65.00
				LIMESTONE INJECTION	BACT
		CO	0.2000 LB/MMBTU	COMBUSTION CONTROL	90.00
		PM	0.0220 LB/MMBTU	PULSE JET BAGHOUSE	BACT
		PM10	0.0220 LB/MMBTU	PULSE JET BAGHOUSE	LAER 99.80 BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER NY-0030

SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: WISCONSIN TISSUE MILLS, INC.
TAYCO & THIRD ST
MONASKA, MI

DETERMINATION IS
PERMIT NO. 88-DLJ-024
DETERMINATION MADE BY WISCONSIN DNR (AGENCY)
DANIEL JOHNSTON (AGENCY CONTACT PERSON)
(608)-267-9500 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/10/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 TOTAL	146.40 MMBTU/H			
		PM	0.0900 LB/MMBTU 1% S, #6 OIL	BACT
		SO2	1.1000 LB/MMBTU 1% S, #6 OIL	BACT
		NOX	0.3800 LB/MMBTU LOW EXCESS AIR	BACT
		BE	1% S, #6 OIL	BACT

NOTES --------
TWO BOILERS HAVE A COMMON STACK.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: CHEVRON USA, INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30331
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
E. LINDER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/04/87
ESTIMATED DATE OF START-UP-- 1989
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & DUCT BURNER, 2 OF EACH	99.00 MW TOTAL				
		NOX	1500.0000 LB/D		BACT
			10.0000 PPMVD AT 15% O2		
				SELECTIVE CATALYTIC REDUCTION	
				STEAM INJ.	

NOTES --------
APPLICANT WILL USE ALL ELECTRICITY GENERATED ON SITE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 80.70 MMBTU/H

COMPANY NAME/SITE LOCATION: DOW CHEMICAL CO. — MIDLAND, MI

DETERMINATION IS
PERMIT NO. 582-88A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
RANDAL TELESZ (AGENCY CONTACT PERSON)
(517)-373-7083 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/21/89
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	40.35 MMBTU/H			
		NOX	0.0700 LB/MMBTU	
			FLUE GAS RECIRCULATION	BACT
			LOW EXCESS AIR/STAGED COMBUSTION	50.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER MI-0109

SOURCE TYPE CODE 1.3

APPENDIX -- DETAILED SOURCE LISTING

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: GENERAL ELECTRIC — BURKVILLE, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 297-0008-X014,X015
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
KENNETH BARRETT (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/14/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, NAT GAS	99.48 MMBTU/H	NOX	9.9000 LB/H 0.1000 LB/MMBTU	LOW NOX BURNERS	BACT 50.00
BOILER, FUEL OIL	99.48 MMBTU/H	NOX	14.9000 LB/H 0.1500 LB/MMBTU	LOW NOX BURNERS	BACT 50.00
BOILER, NAT GAS	246.90 MMBTU/H	NOX	0.1500 LB/MMBTU 37.0000 LB/H	LOW NOX BURNERS	BACT 50.00

NOTES --------
NO AIR PREHEAT IS USED IN ADDITION TO LOW NOX BURNERS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER AL-0036

SOURCE TYPE CODE 1.3

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: VENTURA COASTAL CORP. , CA

DETERMINATION IS
PERMIT NO. 278
DETERMINATION MADE BY VENTURA COUNTY APCD (AGENCY)
T. THOMAS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/17/88
ESTIMATED DATE OF START-UP--
(805)-654-2844 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CLEAVER-BROOKS MODEL CB*	27.20 MMBTU/H				
		NOX	0.8900 LB/H		
			22.0000 PPMV AT 3% O2		
		ROC	2.0700 LB/H		
			64.0000 PPMV		
		CO	4.0300 LB/H		
			156.0000 PPMV		

NOTES --------
PROCESS COULD NOT ACCOMODATE STEAM AT 100% LOAD. ROC & CO HIGHER THAN EXPECTED. ACTUAL O2 = 3.6%. EFFICIENCY = 83.1%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: WESTINGHOUSE ELECTRIC CORP. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 883
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
HARI DOSS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/17/88
ESTIMATED DATE OF START-UP-- 1989
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, NAT GAS FIRED	380.00 MMBTU/H				
		NOX	140.0000 LB/D		BACT
			0.0150 LB/MMBTU		
				LOW NOX BURNER/SEL CATALYTIC REDUCTION	
				FLUE GAS RECIRCULATION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 666.00 MMBTU/H, INPUT

COMPANY NAME/SITE LOCATION: CRAVEN COUNTY WOOD-ENERGY PROJECT — NEW BERN, NC — CRAVEN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 6419
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
SAMMY AMERSON (AGENCY CONTACT PERSON)
(919)-733-3340 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/24/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	666.00 MMBTU/H				
		NOX	0.3500 LB/MMBTU	BOILER DESIGN AUTOMATIC COMBUSTION CONTROLS	
		PM	0.0410 LB/MMBTU	CYCLONE SEPERATOR/ESP	98.20
		CO	3.6600 LB/MMBTU	AUTOMATIC COMBUSTION CONTROLS	
		VOC	0.0770 LB/MMBTU	AUTOMATIC COMBUSTION CONTROLS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: DECKER ENERGY INTERNATIONAL
RYEGATE BIOMASS PROJECT, RTE 5
EAST RYEGATE, VT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY VERMONT NR, APCD (AGENCY)
LARRY MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/11/88
ESTIMATED DATE OF START-UP-- 1989
(802)-244-8731 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	300.00 MMBTU/H				
		PM	0.0007 GR/DSCF AT 12% CO2	MECHANICAL COLLECTOR/ESP	MSER
		VE	60.0000 % OPACITY		
			20.0000 % OPACITY, 54MIN/H		
		NOX	0.2500 LB/MMBTU		MSER
		CO	0.3000 LB/MMBTU		MSER
		VOC	9.0000 LB/H		UNRG
		BAP	0.0120 LB/H		UNRG

NOTES --------
BAP - BENZO(A)PYRENE. MSER - MOST STRINGENT EMISSION LIMIT - VERMONT'S EQUIVALENT TO FEDERAL BACT/LAER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 10.00 MW

COMPANY NAME/SITE LOCATION: MARTELL COGENERATION LIMITED PARTNERSHIP C/O LAFAYETTE POWER CO. — MARTELL, CA — AMADOR COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. SJ 83-04-A
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/30/88
ESTIMATED DATE OF START-UP--
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, STATIONARY GRATE/SPREAD*	287.00 MMBTU/H				
		CO	930.0000 LB/H, 3H AVG		
			590.0000 LB/H, 8H AVG		
				MOST STRINGENT LIMIT	
				GOOD OPERATING & COMBUSTION PRACTICES	
		VOC	35.0000 LB/H		
				GOOD OPERATING & COMBUSTION PRACTICES	

NOTES --------
MAJOR MOD., ORIG. BACT FOR NOX - STAGED COMBUST. & HIGH FUEL MOISTURE, FOR CO/VOC - FURNACE OPERATION CONTROLS. IN BACT FOR MOD., EPA CONSIDERED RETROFITTING OF BOILER W/AMMONIA INJ. SYSTEM FOR NOX CONTROL & SETTING STRINGENT LIMITS FOR CO. BUT BASED ON INFO FROM APPLICANT, AMMONIA INJ. CAN'T BE EFFECTIVELY INCORPORATED INTO THE BOILER DUE TO DIFFERENT DESIGN PARAMETERS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: SIERRA PACIFIC INDUSTRIES — LOYALTOR, CA — SIERRA COUNTY

DETERMINATION IS
PERMIT NO. SAC 87-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
TOM ANDREWS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/31/88
ESTIMATED DATE OF START-UP-- 1989
(415)-974-7658 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RILEY	335.00 MMBTU/H				
		CO	167.8000 LB/H		
			0.5000 LB/MMBTU		
				SECONDARY AIR INJ.	70.00
		NOX	36.9000 LB/H		
			0.1100 LB/MMBTU		
				AMMONIA INJ.	50.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0268

SOURCE TYPE CODE 1.4

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: SOLEDAD ENERGY LIMITED PARTNERSHIP , CA

DETERMINATION IS
PERMIT NO. 4625
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
DAVID CRAFT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/30/88
ESTIMATED DATE OF START-UP--
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, WOOD FIRED, FLUIDIZE*	216.00 MMBTU/H				
		NOX	13.6000 LB/H		
			0.0630 LB/MMBTU	AMMONIA INJECTION	BACT
		SO2	141.6000 LB/D		
			0.0270 LB/MMBTU	LIMESTONE INJECTION	BACT
		PM10	147.4000 LB/D		
			0.0290 LB/MMBTU	MULTICLONE & BAGHOUSE	99.50
		CO	197.0000 LB/D		
			0.0380 LB/MMBTU		
		VOC	139.9000 LB/D		
			0.0270 LB/MMBTU		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0295

SOURCE TYPE CODE 1.4

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: TAYLOR-RAMSEY CORP. , VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30473
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/16/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER/GENERATOR	750.00 LB/YR				
		PM	0.2000 LB/MMBTU		
			0.8500 LB/H		
			PERMIT LIMITS		
		CO	0.4800 LB/MMBTU		
			2.0000 LB/H		
			PERMIT LIMITS		
		FOR*	0.1200 LB/H		
			0.5200 T/YR		
			PERMIT LIMITS		

NOTES --------
CONSTRUCT A 5.6 MMBTU/H WOOD GAS GENERATOR & A 4.184 MMBTU/H BOILER. GENERATOR TO CONSUME NO MORE THAN 750 LB/H OF WOODWASTE F
UEL. FUEL FOR GENERATOR GREEN SAWDUST.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: WESTERN FOREST POWER , CA

DETERMINATION IS
PERMIT NO. 4251
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY) DAVID CRAFT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/19/88
ESTIMATED DATE OF START-UP--
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, WOOD FIRED, FLUIDIZE*	230.00 MMBTU/H				
		NOX	967.0000 LB/D		
			0.0940 LB/MMBTU		BACT
				AMMONIA INJECTION	
		SO2	149.0000 LB/D		47.00
			0.0270 LB/MMBTU		BACT
				LIMESTONE INJECTION	
		PM10	97.0000 LB/D		
			0.0180 LB/MMBTU		BACT
				MULTICLONE & ESP	
		CO	550.0000 LB/D		
			0.1500 LB/MMBTU		
		VOC	149.0000 LB/D		
			0.0270 LB/MMBTU		

NOTES --------
APPLICANT HAS COMMITTED TO A LEVEL OF CONTROL THAT DOES NOT MAKE THE SOURCE SUBJECT TO BACT FOR VOC & CO ON THE COMBUSTOR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: FILER CITY , MI MANISTEE COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 519-87A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/21/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, SPREADER-STOKER, COAL/W*	384.00 MMBTU/H	PM	0.0120 LB/MMBTU	BAGHOUSE	LAER 99.40
		SO2	0.5000 LB/MMBTU 30D AVG		BACT
			0.7000 LB/MMBTU 24H AVG	LIME SPRAY DRYER	90.00
				MAX 3% S	BACT
		NOX	0.6000 LB/MMBTU 30D AVG	BOILER DESIGN, OPERATING PRACTICES	BACT
		CO	0.3000 LB/MMBTU 8H AVG	CO STACK MONITORS, BOILER DESIGN, COMBUSTION CONTROLS	

NOTES --------
THIS PERMIT REPLACES THE ORIGINAL PERMIT, #519-87, FOR A FLUIDIZED BED BOILER

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.5

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 1029.00 MMBTU/H

COMPANY NAME/SITE LOCATION: HOPEWELL COGENERATION LIMITED PARTNERSH* , VA — PRINCE GEORGE COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 50967
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY) — KATHERINE MILLER (AGENCY CONTACT PERSON) — (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/01/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, NAT GAS FIRED, 3 EA	1030.00 MMBTU/H				
		PM10	7.2500	EE-4 LB/MMBTU	
			0.6000	LB/H	
		SO2	7.5000	EE-4 LB/MMBTU	
			0.6200	LB/H	
				SULFUR CONTENT OF FUEL	
		VOC	0.7000	LB/H	
			3.1000	T/YR	
		CO	25.2000	LB/H	
			102.0000	T/YR	
				STEAM INJ	
		NO2	42.0000	PPMV DRY AT 15% O2	
			686.0000	T/YR	
TURBINE, OIL FIRED, 3 EA	1029.00 MMBTU/H				
		PM	0.0340	LB/MMBTU	
			28.0000	LB/H	
		SO2	0.2100	LB/MMBTU	
			216.0000	LB/H	
				SULFUR CONTENT OF FUEL	
		VOC	6.6000	LB/H	
			266.0000	T/YR	
		CO	25.5000	LB/H	
			103.5000	T/YR	
		NO2	65.0000	PPMV DRY AT 15% O2	
			1133.3000	T/YR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		PB	5.6900 EE-3 LB/H	
			0.0223 T/YR	
BOILER, AUX, NAT GAS FIRED, 2 EA	197.00 MMBTU/H			
		PM10	0.1000 LB/MMBTU	
			19.7000 LB/H	
		SO2	2.0000 EE-4 LB/MMBTU	
			0.0400 LB/H	
			FUEL SULFUR CONTENT	
		NO2	0.1000 LB/MMBTU	
			19.7000 LB/H	
			BOILER DESIGN	
		CO	17.1000 LB/H	
			74.5000 T/YR	
		VOC	1.0000 LB/H	
			4.3000 T/YR	
BOILER, AUX, OIL FIRED, 2 EA	197.00 MMBTU/H			
		PM	0.1000 LB/MMBTU	
			19.7000 LB/H	
		SO2	0.2000 LB/MMBTU	
			39.4000 LB/H	
			FUEL SULFUR CONTENT	
		NO2	0.1000 LB/MMBTU	
			19.7000 LB/H	
			BOILER DESIGN	
		CO	17.1000 LB/H	
			74.9000 T/YR	
		VOC	1.0000 LB/H	
			4.3000 T/YR	
		PB	1.1000 EE-3 LB/H	
			4.8200 EE-3 T/YR	

NOTES --------
TURBINE LIMITED TO =<57.73 MMGAL #2 FUEL OIL OR 8.11 MMMCF NAT GAS ANNUALLY. EACH AUX BOILER LIMITED TO =<12.33 MMGAL #2 FUEL OR 1.73 MMMCF NAT GAS ANNUALLY. NSPS SUBPART GG & SUBPART DB APPLY. SO2,NOX,ICE FOG, & EMERGENCY FUEL EXCESS EMIS REPORTS DUE. NON-CRITERIA EMIS CONTROLLED BY FUEL USAGES. CONTIN. MONIT. SYSTEM MONITORS SULFUR & NITROGEN CONTENT OF THE #2 FUEL FIRED IN THE TURBINES. SULFUR CONTENT OF THE OIL LIMITED TO 0.2% BY WT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 120.00 MW

COMPANY NAME/SITE LOCATION: CONTINENTAL ENERGY ASSOC. — HAZELTON, PA — LUZERNE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 40-306-007
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
MIKE SAFKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/26/88
ESTIMATED DATE OF START-UP--
(717)-826-2531 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, HEAT RECOVERY	270.00 MMBTU/H			
		PM	0.0300 LB/MMBTU	BACT
		SO2	0.9060 LB/MMBTU 0.5000 % S FUEL	BACT
		NOX	0.1100 LB/MMBTU	BACT
GASIFER, COAL, 16 EA	1.50 T/H			
		PM	16 CYCLONE SEPERATORS	95.00
TURBINE, NAT GAS	785.00 MMBTU/H			
		SO2	150.0000 PPM AT 15% O2 DRY	B/N
		NOX	75.0000 PPM AT 15% O2 DRY STEAM INJ.	B/N

NOTES --------
ANTHRACITE COAL/CULM. FOUR GASIFERS - BACK-UP UNITS. NO NORMAL EXHAUST TO ATMOSPHERE FROM GASIFERS. EMERGENCY VENT IS CONTROLLED BY A FLARE.
HEAT RECOVERY BOILER IS DUCT BURNERS - COAL GAS FEED. NATURAL GAS TURBINE IS 70 MWE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION: WHEELABRATOR DELANO ENERGY CO. , CA
KERN COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3107001 THRU 8
DETERMINATION MADE BY KERN CO. APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/27/88
ESTIMATED DATE OF START-UP-- 1990
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FUEL RECEIVING OPER. #1					
		PM	7.7600 LB/H		LAER
			93.1400 LB/D		
				FABRIC FILTER & H2O SPRAY	
				LIMITED TO 12 H/D	
		VE	20.0000 % OPACITY		
FUEL RECEIVING OPER. #2					
		PM	3.1800 LB/H		
			38.1600 LB/D		
				FABRIC FILTER	
				LIMITED TO 12 H/D	
FUEL RECEIVING OPER. #3					
		PM	2.9100 LB/H		LAER
			34.9700 LB/D		
				FABRIC FILTER	
				LIMITED TO 12H/D	
RECEIVING & STORAGE, LIMESTONE					
		PM	0.3100 LB/H		LAER
			0.3100 LB/D		
				BIN VENT FILTER	
				LIMITED TO 1 LOAD/D, 15 MIN UNLOAD TIME	
RECEIVING & STORAGE, SAND					
		PM	0.5200 LB/H		LAER
			0.5200 LB/D		
				BIN VENT FILTER & FABRIC COLLECTOR	
				LIMITED TO 1 LOAD/D	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FUEL RECLAIMATION, SCREEN/STORE					
		PM	0.8300 LB/H		LAER
			19.9600 LB/D		
				FABRIC COLLECTION	
				VENTILATION SYSTEM	
BOILER, FBC, BIOMASS FIRED	400.00 MMBTU/H				
		PM	17.7400 LB/H		LAER
			0.0440 LB/MMBTU		
				MULTICLONE/FABRIC FILTER	
		SOX	13.8800 LB/H		LAER
			0.0347 LB/MMBTU		
				LIMESTONE INJ	90.00
		NOX	31.9800 LB/H		LAER
			0.0799 LB/MMBTU		
				EXXON THERMAL DE-NOX	70.00
		VOC	32.0000 LB/H		LAER
			0.0800 LB/MMBTU		
		CO	56.0000 LB/H		
			0.1400 LB/MMBTU		
MATL HANDLING, ASH					
		PM	0.0200 LB/H		LAER
			0.4100 LB/D		
				FABRIC FILTER	
				CONVEYING & STORAGE SYSTEM	

NOTES --------
THREE FABRIC COLLECTORS PLUS STORAGE PILE FUGITIVE EMISSIONS INCLUDED IN FUEL RECEIVING OPERATION #1 PM LIMIT. 400 MMBTU/H BIO MASS FIRED BOILER LIMIT BASED ON A TOTAL PM EMISSION RATE OF 0.02 GR/DSCF.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2688.00 T/D

COMPANY NAME/SITE LOCATION: CHESTER SOLID WASTE ASSOCIATES — CHESTER, PA — DELAWARE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 23-340-002
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
THOMAS MCGINLEY (AGENCY CONTACT PERSON)
(215)-270-1920 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/23/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN/ROTARY, *	448.00 T/D				
		PM	0.0150 GR/DSCF	FABRIC FILTER	BACT
		HCL	30.0000 PPMV		BACT
			90.0000 % CONTROL	DRY SCRUBBER	90.00
		SO2	30.0000 PPMV		BACT
			70.0000 % CONTROL		70.00
		CO	100.0000 PPMV, 8H AVG		BACT
			400.0000 PPMV, 1H AVG	COMBUSTION CONTROL	
		NOX	235.0000 PPMV, DAILY AVG	COMBUSTION CONTROL	BACT
		PCD*	2.0000 NG/CUBIC METER		BACT

NOTES --------
ALL STACK CONCENTRATION ARE CORRECTED TO 7% O2 DRY. CEM - VE,SO2,HCL,CO,CO2,& O2. 1800 DEG F - 1 SEC. COMBUSTION EFFICIENCY MU ST BE AT LEAST 99.9% 8 H AVG. STACK TESTS - PM,HCL,AS,CD, CR,NI,PCDD/PCDF. TESTING SHALL BE CONDUCTED EVERY 6 MONTHS EXCEPT FOR PCDD/PCDF WHICH IS TESTED ANNUALLY. SO2 & HCL LIMITS ARE FOR 1 HOUR. PCD IS PCDD/PCDF, 2,3,7,8 TCDD EQUIV. SOURCE IS 6 INCINERATORS AT 448 T/D EACH.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE REFUSE INCINERATION 186.48 MMBTU/H

COMPANY NAME/SITE LOCATION ENERGY RESOURCES OF HENRICO, INC. , VA
HENRICO COUNTY

DETERMINATION IS
PERMIT NO. 50979
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/29/89
ESTIMATED DATE OF START-UP-- 1990
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	93.24 MMBTU/H				
		PM	0.0100 GR/DSCF AT 12% CO2		
			8.3000 T/YR		
				BAGHOUSE	99.87
		SO2	0.1840 LB/MMBTU		
			17.2000 LB/H		
				NOTE 2	
		NO2	0.4140 LB/MMBTU		
			38.6000 LB/H		
				LOW EXCESS AIR/OVERFIRED AIR/WATERWALL	12.00
		CO	38.7000 LB/H		
			165.0000 T/YR		
				SYSTEM DESIGN	26.00
		PB	0.0300 LB/H		
			0.1200 T/YR		
				BAGHOUSE	99.00
		ACI*	16.8000 LB/D		
			0.7000 LB/H		
				NOTE 2	70.00
		HCL	70.5600 LB/D		
			2.9400 LB/H		
				NOTE 2	70.00
		HF	2.1600 LB/D		
			0.0900 LB/H		
				NOTE 2	70.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		HBR	9.6000 LB/D	
			0.4000 LB/H	
			NOTE 2	70.00
		AS	7.9000 EE-4 LB/H	
			3.4000 EE-3 T/YR	
			PERMIT LIMITS	
		BE	1.6000 EE-5 LB/H	
			6.8000 EE-5 T/YR	
			PERMIT LIMITS	
		CD	1.4000 EE-3 LB/H	
			6.0000 EE-2 T/YR	
			PERMIT LIMITS	
		CR	5.2000 EE-3 LB/H	
			2.2000 EE-2 T/YR	
			PERMIT LIMITS	
		NI	5.0000 EE-4 LB/H	
			2.0000 EE-3 T/YR	
			PERMIT LIMITS	
		HG	0.0330 LB/H	
			0.1400 T/YR	
			PERMIT LIMITS	
		COB*	2.6400 EE-5 LB/H	
			1.1000 EE-4 T/YR	
			PERMIT LIMITS	
		TCDD	2.3700 EE-5 LB/H	
			1.0000 EE-4 T/YR	
			PERMIT LIMITS	
		TCDF	5.2500 EE-5 LB/H	
			2.2400 EE-4 T/YR	
			PERMIT LIMITS	
		PCDD	1.1000 EE-5 LB/H	
			4.6700 EE-4 T/YR	
			PERMIT LIMITS	
		PCDF	3.5000 EE-5 LB/H	
			1.5000 EE-4 T/YR	
			PERMIT LIMITS	
		BEN*	0.0010 LB/H	
			0.0050 T/YR	
			PERMIT LIMITS	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
NOTE 1-CONSTRUCTION OF A RDF FIRED ELECTRIC GENER. PLANT. 2 RDF BOILERS W/NAT GAS AUX BURNERS. EACH BOILER EQUIPED W/SEMI-DRY SCRUBBER FOLLOWED BY A BAGHOUSE & A STEAM TURBINE ELECTRIC GENERATOR. NOTE 2- BOILER ACID GAS EMIS SHALL BE CONDUCTED BY THE SEMI-DRY SCRUBBER. SCRUBBERS HAVE MIN 70% CONTROL EFF BY WT FOR SO2 & 90% BY WT REMOVAL OF HCL BUT M UST NOT EXCEED THE SPECIFIC MASS EMISSION RATES. NOTE 3-NSPS SUBPART E APPLIES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: HUNTSVILLE SOLID WASTE AUTHORITY — HUNTSVILLE, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 7-09-I104-X001 THRU X006
DETERMINATION MADE BY ALABAMA DEM (AGENCY)

SUE ROBERTSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/06/87
ESTIMATED DATE OF START-UP-- 1990
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RDF, 2 EA	129.40 MMBTU/H				
		PM	0.0150 GR/DSCF AT 12% CO2		BACT
			4.5000 LB/H		
				FABRIC FILTER	99.50
		SO2	50.0000 PPM AT 7% O2, SEE NOTES		BACT
			16.6500 LB/H		
				DRY SCRUBBER	70.00
		NOX	0.4600 LB/MMBTU		BACT
			59.2000 LB/H		
				COMBUSTION DESIGN	
		CO	50.0000 PPM AT 12% CO2, 4H ROLL AVG		BACT
			7.6000 LB/H		
				COMBUSTION DESIGN	0.00
		HG	320.0000 G/D, TOTAL		N/B
				FABRIC FILTER	60.00
		H2S*	70.0000 % REMOVAL EFF		BACT
			1.8000 LB/H		
				DRY SCRUBBER	70.00
		BE	7.5300 EE-4 LB/H		BACT
				FABRIC FILTER	95.00
BOILER, PACKAGE, 4 EA	116.30 MMBTU/H				
		PM	5.8200 LB/H		BACT
			0.0500 LB/MMBTU		
					0.00
		SO2	23.2600 LB/H		BACT
			0.2000 LB/MMBTU		
				LOW S FUEL	0.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAIL PROCESS (CONTINUED)					
		NOX	11.6300 LB/H		BACT
			0.1000 LB/MMBTU		
				COMBUSTION DESIGN	
		CO	4.2100 LB/H		BACT
			0.0360 LB/MMBTU		
				COMBUSTION DESIGN	
		H2S*	0.9100 LB/H		BACT
				LOW S FUEL	0.00
		HG	0.0010 LB/H		BACT
				LOW HG CONTENT OF FUEL	0.00
		BE	2.9000 EE-4 LB/H		BACT
				LOW BE CONTENT OF FUEL	0.00

NOTES --------
HCL & FLUORIDES DESIGN REMOVAL EFFICIENCY IS 90%. EACH BOILER IS SUBJECT TO THESE LIMITS. 129.4 MMBTU/H BOILER MAY USE TIRES, LANDFILL GAS, WWTP SLUDGE, & MUNICIPAL SOLID WASTE AS FUELS & SO2 LIMIT
IS 70% REMOVAL OR 50 PPM AT 7% O2 WHICHEVER IS LESS. 116.3 UNITS MAY USE NATURAL GAS, #2 FUEL OIL, & LANDFILL GAS AS FUELS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: KENT COUNTY DEPT. OF PUBLIC WORKS, 950 MARKET AVE. N.W., GRAND RAPIDS, MI

DETERMINATION IS
PERMIT NO. 375-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
RANDAL TELFSZ (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/15/87
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, SOLID WASTE, 2 EA	125.00 MMBTU/H				
		PM	0.0100	GR/DSCF 3H AVG	BACT
				DRY SCRUBBER/BAGHOUSE	99.00
		SO2	50.0000	PPMV, NOTE #1	BACT
				DRY SCRUBBER	75.00
		NOX	400.0000	PPMV 1H AVG	BACT
			35.0000	PPMV 3H AVG	
				COMBUSTION MODIFICATION TECHNIQUES	
		CO	200.0000	PPMV 1H AVG	BACT
			50.0000	PPMV 4H AVG	
				COMBUSTION MODIFICATION TECHNIQUES	
		HCL	50.0000	PPMV, NOTE #2	BACT
				DRY SCRUBBER	90.00
		FLU*	2.5000	MG/DSCM 3H AVG	BACT
				DRY SCRUBBER	
		VOC	8.3000	MG/DSCM 3H AVG	BACT
				OPTIMUM COMBUSTION CONDITIONS	
		PB	0.8700	MG/DSCM 3H AVG	BACT
				DRY SCRUBBER/BAGHOUSE	
		HG	0.6100	MG/DSCM 3H AVG	BACT
				DRY SCRUBBER/BAGHOUSE	
		H2S*	39.0000	MG/DSCM 3H AVG	BACT
				DRY SCRUBBER	
		AR	6.2000	UG/DSCM 3H AVG	BACT
				DRY SCRUBBER/BAGHOUSE	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		BE	0.1600 UG/DSCM 3H AVG	DRY SCRUBBER/BAGHOUSE	BACT
		CA	37.0000 UG/DSCM 3H AVG	DRY SCRUBBER/BAGHOUSE	BACT
		CR4	4.2000 UG/DSCM 3H AVG	DRY SCRUBBER/BAGHOUSE	BACT
		PCD*	3.0000 NG/DSCM, NOTE #3	DRY SCRUBBER/BAGHOUSE	BACT
		VE	10.0000 % OPACITY, 6 MIN AVG	DRY SCRUBBER/BAGHOUSE	BACT

NOTES --------
ALL EMISSIONS ARE ON A DRY BASIS. 1)SO2- OR 25% OF THE UNCONTROLLED SO2, WHICHEVER HAS GREATER CONC., BUT <75 PPM BASED ON AN 8H AVE. 2)HCL- OR 10% OF THE UNCONTROLLED HCL BASED ON AN 8H AVG, WHICHEVER IS LEAST RESTRICTIVE. 3)TOTAL POLYCHLORINATED DIBENZO-P-DIOXINS, PCDD'S, & TOTAL POLYCHLORINATED DIBENZOFURANS, PCDF'S, INCLUDING ALL TETRA-OCTA ISOMERS. LIMIT BASED ON AN 8H AVE, AS 2,3,7,8 TCDD TOXIC EQUIVALENTS TO BE CALCULATED USING THE U.S.EPA REF.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE REFUSE INCINERATION 37.50 MW

COMPANY NAME/SITE LOCATION LANCASTER COUNTY SOLID WASTE MANAGEMENT* CONOY TOWNSHIP, PA
LANCASTER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 36-340-001
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
KANUBHAI PATEL (AGENCY CONTACT PERSON)
(717)-657-4587 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/22/89
ESTIMATED DATE OF START-UP-- 1992

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3 EA	400.00 T/D				
		PM	0.0120 GR/DSCF		BACT
				FABRIC COLLECTOR	99.70
		PM10	0.0100 GR/DSCF		BACT
				FABRIC COLLECTOR	
		SO2	29.0000 PPMV, 3H AVG		BACT
			30.0000 PPMV, 1H AVG		
				DRY SCRUBBER	90.00
				LIME INJ	
		CO	50.0000 PPMV, 8H AVG		BACT
			200.0000 PPMV, 1H AVG		
				COMBUSTION CONTROL	
		NOX	300.0000 PPMV, DAILY AVG		BACT
				COMBUSTION CONTROL	
		HCL	30.0000 PPMV, 1H AVG		BAT
			90.0000 %, 1H AVG		
				DRY SCRUBBER	
				LIME INJ	
		PCD*	2.0000 NG/CUBIC METER		BAT
				COMBUSTION CONTROL	

NOTES --------
STACK CONC. CORRECTED TO 7% O2 DRY. COMB EFFICIENCY NOT <99.9% 8HR AVG. CONDITIONS NOT< 1800F, 1 SEC. STACK TESTS- SEMI-ANNUAL -- PM,HCL, AS,CD,CRVI,NI.PB,BE,HG,ZN, ANNUAL -- PCDD,PCDF. CONTINUOUS MONITOR -- VE,SO2,NOX, HCL,CO2,CO,& O2. PCD IS PCDD/PCDF, 2,3,7,8 TCDD EQUIV.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 600.00 T/D

COMPANY NAME/SITE LOCATION: MMR/WALLACE, 1100 LAMBSONS LANE — NEW CASTLE, DE 19720

DETERMINATION IS
PERMIT NO. APC 84/633-636
DETERMINATION MADE BY DELAWARE DNR, DAM (AGENCY)
A. MIRZAKHALILI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/01/84
ESTIMATED DATE OF START-UP-- 1986
(302)-323-4542 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 5 EA	120.00 T/D				
		PM	0.0500	GR/DSCF	BACT
				ESP	99.40
		VE	20.0000	% OPACITY	BACT
				ESP	
		CO	50.0000	PPM	BACT
				GOOD COMBUSTION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 325.00 T/D

COMPANY NAME/SITE LOCATION: OGDEN/MARTIN SYSTEMS OF ALEXANDRIA ARLINGTON WASTE-TO-ENERGY FACILITY — ALEXANDRIA, VA

DETERMINATION IS B/N FOR A MODIFIED SOURCE.
PERMIT NO. 71895
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/26/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MSW	302000.00 T/YR				
		PM	0.0300 GR/DSCF AT STD CONDITIONS		
			8.1000 LB/H		
				ESP	
		SO2	34.0000 LB/H		
			149.0000 T/YR		
				ACID GAS CONTROL DEVICE	
		VOC	0.6700 LB/H		
			3.0000 T/YR		
				COMBUST CONTROL	
		NOX	79.0000 LB/H		
			310.0000 T/YR		
				COMBUST CONTROL	
		CO	68.5000 LB/H		
			23.1000 T/YR		
				COMBUST CONTROL	
		PB	0.5300 LB/H		
			2.3200 T/YR		
				COMBUST CONTROL	
		HCL	61.0000 LB/H		
			267.0000 T/YR		
				ACID GAS CONTROL DEVICE	
		HBR	7.3000 LB/H		
			31.9700 T/YR		
				ACID GAS CONTROL DEVICE	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		CD	3.2500 EE-2 LB/H 0.1420 T/YR ESP	
		SB	0.0400 LB/H 0.1750 T/YR ESP	
		AS	0.0093 LB/H 0.0400 T/YR ESP	
		HG	0.2200 LB/H 0.9600 T/YR ESP	
		BE	6.0000 EE-5 LB/H 2.6300 EE-4 T/YR ESP	
		HF	1.7000 LB/H 7.4500 T/YR ACID GAS CONTROL DEVICE	
		DIO*	2.0000 NG/NM3 AT 12% CO2 1.0200 EE-6 T/YR COMBUSTION CONTROLS INCIN. RESID. TIME	

NOTES --------
CHARGING RATE =< 325 T/UNIT & 302000 T/YR. OPERATING PROCEDURES & LIMITS REVIEWED & APPROVED BY THE BOARD. BOILER AUX FUEL - # 2 FUEL OIL. MINIMUM TEMP OF 1832F IN BOILER. RETEST CYCLE SETS SEASONAL FLUCTUATION EFFECTS OF SOLID WASTE INPUT. RETESTING AT DISCRESSION OF THE BOARD PER TEST RESULTS. ASH ANALYSIS PERFORMED AS REQ. ODOR CONTROL - NEG PRESSURE ON TIPPING FLOOR & USE OF BUILDING AIR AS COMBUST. AIR. CONTINUOUS EMIS MONIT.-OPACITY,CO,NOX,O2,& DRY LIME FEED RATE IS MANDATED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 3000.00 T/D

COMPANY NAME/SITE LOCATION: SIGNAL BROOKLYN, BROOKLYN NAVY YARD — NEW YORK, NY

DETERMINATION IS BACT

PERMIT NO.

DETERMINATION MADE BY EPA REGION II (AGENCY)

PAUL KAHN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(212)-264-6674 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATION, REFUSE	3000.00 T/D	NOX		SNCR, SEE NOTE	BACT
		SO2		SPRAY DRYER/ADSORBER/BAGHOUSE	60.00 BACT
		FLU*		SPRAY DRYER/ADSORBER/BAGHOUSE	75.00 BACT
		HEA*		SPRAY DRYER/ADSORBER/BAGHOUSE	90.00 BACT
		PM10	0.0130 GR/DSCF AT 12% CO2	SPRAY DRYER/ADSORBER/BAGHOUSE	99.00 BACT
		DIO*		COMBUSTION CONTROL	BACT
		VE	10.0000 % OPACITY	BAGHOUSE	BACT

NOTES --------
BACT FOR NOX NOT YET DECIDED IN FINAL FORM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER NY-0020

SOURCE TYPE CODE 2.1

SOURCE TYPE/SIZE: REFUSE INCINERATION — 4080.00 KW

COMPANY NAME/SITE LOCATION: VICON RECOVERY SYSTEMS, RUTLAND RESOURCE RECOVERY FACILITY — RUTLAND, VT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY VERMONT NR, APCD (AGENCY) — LARRY MILLER (AGENCY CONTACT PERSON) — (802)-244-8731 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/11/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MSW, 2 EA	120.00 T/D				
		CO	300.0000	PPM AT 12% CO2, 1H AVG	MSER
			50.0000	PPM AT 12% CO2, 24H AVG	
				FIRING EQUIP. DESIGN	
				COMBUSTION AIR CONTROL	
		PM	0.0100	GR/DSCF AT 12% CO2	MSER
				ESP	
		DIO*	6.3000	EE-8 LB/H	MSER
				ESP	
		HCL	9.4000	LB/H	MSER
				PACKED TOWER ABSORBER/SCRUBBER	
		SO2	12.0000	LB/H	MSER
				PACKED TOWER ADSORBER/SCRUBBER	
		NOX	36.0000	LB/H	MSER
				COMBUSTION MODIFICATION	
		PB	0.4000	LB/H	MSER
				ESP	
		F	0.3000	LB/H	MSER
				ESP	
		HG	0.0045	LB/H	MSER
				ESP	
		BE	1.6000	EE-4 LB/H	MSER
				ESP	

NOTES --------
EMISSION RATES FOR CO & PM ALLOWABLE FOR EACH INCINERATOR, WHILE EMISSION RATES FOR HCL, SO2, NOX, PB, F, HG, & BE ARE TOTAL ALLOWABLE FROM BOTH INCINERATORS. EACH INCINERATOR HAS ITS OWN AIR POLLUTION CONTROL SYSTEM - ESP, HEAT EXCHANGER, PACKED TOWER ADSORBER/SCRUBBER. MSER - MOST STRINGENT EMISSION RATE ANALYSIS - VERMONT'S EQUIVALENT TO FEDERAL BACT/LAER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 560.00 LB/H

COMPANY NAME/SITE LOCATION: BFI OF OHIO & MICHIGAN, INC. — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-429
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
(419)-693-0350 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/27/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, GAS FIRED, 2 EA	3.30 MMBTU/H				
		PM	0.0200 LB/MMBTU		BACT
		NOX	0.0100 LB/MMBTU		BACT
		VE	0.0000 % OPACITY		BACT
INCINERATOR, PATHOLOGICAL WASTE*	560.00 LB/H				
		PM	0.1000 LB/100 LB CHARGE	TEMP=2000F, 2 SEC RESID TIME	BACT
		CL2	4.0000 LB/H AS HCL		BACT
		NOX	6.0000 LB/T CHARGED		BACT
		VE	0.0000 % OPACITY	TEMP=2000F, 2 SEC RESID TIME	BACT
AUTOCLAVE, 2 EA	1600.00 LB/H				
		VE	0.0000 % OPACITY		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL 15.00 MW

COMPANY NAME/SITE LOCATION NEA MESQUITE POWER , CA IMPERIAL COUNTY

DETERMINATION IS B/L
PERMIT NO. 1732-1
DETERMINATION MADE BY IMPERIAL COUNTY APCD (AGENCY)
HARRY DILLON (AGENCY CONTACT PERSON)
(619)-339-4650 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, FLUID-BED	416.00 MMBTU/H				
		PM	0.0240 LB/MMBTU	BAGHOUSE	LAER 99.90
		SOX	0.0070 LB/MMBTU	LIMESTONE INJ.	LAER 99.90
		NOX	0.0200 LB/MMBTU	FLUID BED/PYROLSIS	
		HCL	0.0010 LB/MMBTU	LIMESTONE INJ.	LAER 99.90
		NH4*	0.0005 LB/MMBTU	LIMESTONE	LAER 99.90
		CO	0.7000 LB/MMBTU	OPTIMUM COMBUSTION	
		VOC	0.0400 LB/MMBTU	OPTIMUM COMBUSTION	

NOTES --------
30 T/H STEER MANURE INPUT INTO 2 MULTI-HEARTH FLUIDIZED BED COMBINATION COMBUSTORS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: ADA COGENERATION — ADA, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 943-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/21/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	245.00 MMBTU/H			
		NOX	42.0000 PPMDV AT 15% O2, 1H AVG	BACT
			H2O INJECTION	59.00
		CO	0.1000 LB/MMBTU NAT GAS	BACT
			0.3500 LB/MMBTU #2 OIL	
			H2O INJECTION	
		SO2	0.2500 LB/MMBTU	BACT
			LOW S OIL, <=0.25%	
BURNER, DUCT	75.00 MMBTU/H			
		NOX	0.1000 LB/MMBTU	BACT
		CO	0.1000 LB/MMBTU	BACT

NOTES --------
OIL FIRING IN TURBINE IS NOT TO EXCEED 120 DAYS PER YEAR. HIGH HEAT VALUE, HHV, OF 19350 BTU/LB OF OIL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: AMTRAK
MURPHY FIELD, EXIT 41 SCHUYLKILL EXPRES* PHILADELPHIA, PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 88001
DETERMINATION MADE BY PHILADELPHIA AMS (AGENCY)
THOMAS HUYNH (AGENCY CONTACT PERSON)
(215)-875-5632 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/12/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2	90.00 MMBTU/H				
		NOX	5.8700 LB/H		
			0.1000 LB/MMBTU		BACT
				LOW NOX BURNER	
		PM	0.1000 LB/MMBTU		NAAQ
TURBINE, 2 EA	20.00 MW				
		PM	0.9800 LB/H		NAAQ
		SO2	0.2000 LB/H		NAAQ
			0.2000 % S		
				S LIMITED TO 2.7 MMGAL/YR	
		NOX	42.0000 PPM AT 15% O2		BACT
				H2O INJ.	
		CO	30.7600 LB/H		UNRG
		VOC	0.6000 LB/H		SIP

NOTES --------
GAS BURN ONLY. NOX,O2 CEM. #2 FUEL OIL USED ONLY WHEN GAS IS NOT AVAILABLE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 35.00 MW

COMPANY NAME/SITE LOCATION: CHAMPION INTERNATIONAL — COURTLAND, AL 35618 — LAWRENCE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 707-0001-X017
DETERMINATION MADE BY ALABAMA DEM (AGENCY) — KEN BARRETT (AGENCY CONTACT PERSON) — (205)-271-7861 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/30/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, STATIONARY	35.00 MW				
		NOX	42.0000 PPM AT 15% O2		BACT
			67.0000 LB/H		
				STEAM INJECTION	70.00
		CO	9.0000 LB/H		
		PM	2.5000 LB/H		
		VOC	4.0000 LB/H		
BURNER, DUCT, HEAT RECOVERY	128.00 MMBTU/H				
		NOX	0.1000 LB/MMBTU		BACT
			12.8000 LB/H		
		CO	10.2000 LB/H		
		PM	0.3000 LB/H		
		VOC	5.1000 LB/H		

NOTES --------
LIMITED TO FIRING ONLY NATURAL GAS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 200.00 MW

COMPANY NAME/SITE LOCATION: DELMARVA POWER, 800 KING ST. — WILMINGTON, DE

DETERMINATION IS
PERMIT NO. 88/127,128
DETERMINATION MADE BY DELAWARE DNR, DAH (AGENCY)
J. CUGNINI (AGENCY CONTACT PERSON)
(302)-736-4791 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/23/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, COMBUSTION, 2 EA	100.00 MW				
		NOX	42.0000 PPM	LOW NOX BURNER/H2O INJ.	BACT
		CO	15.0000 PPM	GOOD COMBUSTION	BACT
		SO2	0.3000 % S FUEL	LOW S FUEL	B/S

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 52.00 MW

COMPANY NAME/SITE LOCATION: INDEC/OSWEGO HILL COGENERATION, MITCHELL STATION — OSWEGO, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON) — (518)-457-2044 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/07/89
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE FRAME 6	40.00 MW				
		NOX	42.0000	PPM AT 15% O2, GAS	BACT
			65.0000	PPM AT 15% O2, OIL	
				H2O INJECTION	
		SO2	0.2700	% S FUEL	BACT
				LOW S FUEL OIL	
		PM/*	0.0080	LB/MMBTU, GAS	BACT
			0.0330	LB/MMBTU, OIL	
				COMBUSTION CONTROL	
		CO	0.0220	LB/MMBTU	BACT
				COMBUSTION CONTROL	

NOTES --------
NATURAL GAS IS THE PRIMARY FUEL. NUMBER 2 FUEL OIL WILL BE USED AS BACKUP. SOURCE IS LIMITED TO 25% ,BY TIME, USE OF FUEL OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 53.00 MW

COMPANY NAME/SITE LOCATION: INDECK - YERKS ENERGY SERVICES, INC. SHERIDAN AVE. — TONAWANDA, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/04/88
ESTIMATED DATE OF START-UP--
(513)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE FRAME 6	40.00 MW				
		NOX	42.0000	PPM AT 15% O2, GAS	BACT
			65.0000	PPM AT 15%O2, OIL	
				STEAM INJECTION	
		SO2	0.3000	% S FUEL	BACT
				LOW S FUEL	
		PM	0.0050	LB/MMBTU, GAS	BACT
			0.0400	LB/MMBTU, OIL	
				COMBUSTION CONTROL	
		PM10	0.0050	LB/MMBTU, GAS	BACT
			0.0400	LB/MMBTU, OIL	
				COMBUSTION CONTROL	

NOTES --------
NATURAL GAS IS PRIMARY FUEL. OIL WILL BE USED AS BACK UP. SOURCE IS LIMITED TO 25%, BY TIME, FUEL OIL FIRING.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 50.00 MW

COMPANY NAME/SITE LOCATION: KAMINE CARTHAGE / JAMES RIVER PAPER — CARTHAGE, NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON) — (518)-457-2044 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/01/88
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE FRAME 6	40.00 MW				
		NOX	42.0000	PPM, GAS	BACT
			65.0000	PPM, KEROSINE	
				STEAM INJECTION	
		SO2	0.1000	% S FUEL	BACT
				LOW S FUEL	
		CO	0.0220	LB/MMBTU	BACT
				COMBUSTION CONTROL	
		PM10	0.0050	LB/MMBTU, GAS	
			0.0400	LB/MMBTU, KEROSINE	
				COMBUSTION CONTROL	
		VOC	0.0800	LB/MMBTU	
				COMBUSTION CONTROL	
BURNER, DUCT	113.00 MMBTU/H				
		NOX	0.1000	LB/MMBTU, GAS	BACT
			0.1450	LB/MMBTU, KEROSINE	
				COMBUSTION CONTROL	
		SO2	0.1000	% S FUEL	BACT
				LOW S FUEL	
		CO	0.1600	LB/MMBTU	BACT
				COMBUSTION CONTROL	
		VOC	0.1000	LB/MMBTU	BACT
				COMBUSTION CONTROL	

NOTES --------
NATURAL GAS IS PRIMARY FUEL WITH KEROSINE AS BACK-UP. SOURCE IS LIMITED TO 25% OF BACK-UP FUEL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 50.00 MW

COMPANY NAME/SITE LOCATION: KAMINE SOUTH GLENS FALLS / JAMES RIVER PAPER — SOUTH GLENS FALLS, NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/01/88
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE FRAME 6	40.00 MW			
		NOX	42.0000 PPM, GAS 65.0000 PPM, OIL STEAM INJECTION	BACT
		CO	0.0210 LB/MMBTU COMBUSTION CONTROL	BACT
		PM10	0.0550 LB/MMBTU, GAS 0.0400 LB/MMBTU, OIL COMBUSTION CONTROL	BACT
		SO2	0.2000 % S FUEL LOW S FUEL	BACT
		VOC	0.0090 LB/MMBTU COMBUSTION CONTROL	BACT
BURNER, DUCT	113.00 MMBTU/H			
		NOX	0.1000 LB/MMBTU COMBUSTION CONTROL	BACT
		PM10	0.0050 LB/MMBTU, GAS 0.0400 LB/MMBTU, OIL COMBUSTION CONTROL	BACT
		CO	0.1600 LB/MMBTU COMBUSTION CONTROL	BACT
		SO2	0.2000 % S FUEL LOW S FUEL	BACT
		VOC	0.1000 LB/MMBTU COMBUSTION CONTROL	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
NATURAL GAS IS PRIMARY FUEL W/0.2% SULFUR DISTILLATE AS BACK-UP. APPLICANT IS LIMITED TO 25% BACK-UP FUEL USE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 50.00 MW

COMPANY NAME/SITE LOCATION: L & J ENERGY SYSTEM COGENERATION — LOWVILLE, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/15/89
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM 5000	40.00 MW				
		NOX	42.0000	PPM AT 15% O2, GAS	BACT
			65.0000	PPM AT 15% O2, OIL	
				STEAM INJECTION	
		SO2	0.1000	% S FUEL	BACT
				LOW S FUEL	
		PM	0.0280	LB/MMBTU, GAS	BACT
			0.0800	LB/MMBTU, OIL	
				COMBUSTION CONTROL	
		PM10	0.0280	LB/MMBTU, GAS	BACT
			0.0800	LB/MMBTU, OIL	
				COMBUSTION CONTROL	
BURNER, DUCT	50.00 MMBTU/H				
		NOX	0.1000	LB/MMBTU	BACT
				COMBUSTION CONTROL	
		SO2	0.1000	% S FUEL	BACT
				LOW S FUEL	
		PM	0.0028	LB/MMBTU	BACT
				COMBUSTION CONTROL	
		PM10	0.0028	LB/MMBTU	BACT
				COMBUSTION CONTROL	

NOTES --------
NATURAL GAS IS THE PRIMARY FUEL. NUMBER 2 FUEL OIL WILL BE USED AS BACK UP. SOURCE IS LIMITED TO 25%, BY TIME, TO FUEL OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 220.00 MW

COMPANY NAME/SITE LOCATION: LONG ISLAND LIGHTING CO. SHOREHAM WEST SITE , NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)

JAMES HARRINGTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/01/88
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE FRAME 7, 3 EA	75.00 MW				
		NOX	55.0000 PPM	WATER INJECTION	BACT
		SO2	0.2500 % S OIL	LOW S FUEL	BACT
		CO	10.0000 PPM	COMBUSTION CONTROL	
		PM10	0.0060 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	0.0060 LB/MMBTU	COMBUSTION CONTROL	BACT

NOTES --------
PEAKING UNIT - EXPECTED USE - 30%. LIMITED TO 67% AVAILABILITY. THIS IS A DUPLICATE PERMIT TO THE LILCO WEST BABYLON, NY-0025, FACILITY. ONLY ONE FACILITY MAY BE CONSTRUCTED WITHOUT FURTHER BACT REVIEW.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 220.00 MW

COMPANY NAME/SITE LOCATION: LONG ISLAND LIGHTING CO., WEST BABYLON SITE, NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON) — (518)-457-2044 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/01/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE FRAME 7, 3 EA	75.00 MW				
		NOX	55.0000 PPM	WATER INJECTION	BACT
		SO2	0.2500 % S OIL	LOW S FUEL	BACT
		CO	10.0000 PPM	COMBUSTION CONTROL	BACT
		PM10	0.0060 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	0.0060 LB/MMBTU	COMBUSTION CONTROL	BACT

NOTES --------
PEAKING UNIT - EXPECTED USE 30%. LIMITED TO 67% OPERATION.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MOBIL EXPLORATION & PRODUCING US, INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4335
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY) F. THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/27/88
ESTIMATED DATE OF START-UP--
(408)-722-7879 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & BURNER, DUCT	3.11 MW				
		NOX	91.0000 LB/D		BACT
			0.0470 LB/MMBTU		
				SCR CATALYST	65.00
				AMMONIA INJ., H2O INJ.	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MOBIL OIL
SAN ARDO COGENERATION PROJECT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4335 & 4471
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY) F. THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/27/88
ESTIMATED DATE OF START-UP-- 1989
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, 2 EA, W/DUCT BURNER	81.40 MMBTU/H				
		NOX	90.7000 LB/D		BACT
			0.0470 LB/MMBTU		
				MOLECULAR SIEVE TYPE CATALYST	
				H2O INJECTION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 45.00 MW

COMPANY NAME/SITE LOCATION: MOJAVE COGENERATION CO. , CA — KERN COUNTY

DETERMINATION IS BACT
PERMIT NO. 0164001
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/12/89
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	490.00 MMBTU/H			
		PM	0.0170 LB/MMBTU, GAS 0.0357 LB/MMBTU, OIL OIL FIRING LIMITED TO 11 H/D	BACT
		SO2	0.0012 LB/MMBTU, GAS 0.0510 LB/MMBTU, OIL OIL FIRING LIMITED TO 11 H/D	BACT
		NOX	0.0310 LB/MMBTU, GAS 0.1500 LB/MMBTU, OIL OIL FIRING LIMITED TO 11 H/D	BACT

NOTES --------
ORIGINALLY U.S. BORAX COGEN II, PERMIT #1004086. FUEL OIL TO BE USED ONLY DURING NATURAL GAS CURTAILMENT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 45.00 MW

COMPANY NAME/SITE LOCATION: MOJAVE COGENERATION CO., L.P. , CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. SE 86-01-A
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
(415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
TURBINE, GAS			
		NOX	10.0000 PPMV AT 15% O2,DRY, GAS FIRING
			40.0000 PPMV AT 15% O2, DRY, OIL FIRING
			SCR/STEAM INJECTION
		SO2	24.0000 PPMV AT 15% O2, DRY, OIL FIRING
			LOW S FUEL OIL, 0.2% S BY WT.

NOTES --------
EPA UPDATED BACT REQUIREMENTS UPON GRANTING AN 18 MONTH EXTENSION OF THE EXISTING PSD PERMIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MONARCH COGENERATION , CA

DETERMINATION IS
PERMIT NO. 4164005
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & GENERATOR, STEAM	92.20 MMBTU/H				
		NOX	192.5000 LB/D		BACT
			22.0000 PPMVD AT 15% O2		
				SELECTIVE CATALYTIC REDUCTION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MONARCH COGENERATION , CA

DETERMINATION IS
PERMIT NO. 4164004
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
(805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & GENERATOR, STEAM	92.20 MMBTU/H			
		NOX	192.5000 LB/D	
			22.0000 PPMVD AT 15% O2	BACT
			SELECTIVE CATALYTIC REDUCTION	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 500.00 MW

COMPANY NAME/SITE LOCATION: OCEAN STATE POWER — BURRILLVILLE, RI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. RI-PSD-1
DETERMINATION MADE BY RHODE ISLAND DEM (AGENCY)
DOUG MCVAY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/13/88
ESTIMATED DATE OF START-UP-- 1990
(401)-277-2808 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE FRAME 7, 4 EA	1059.00 MMBTU/H			
		NOX	9.0000 PPMVD AT 15% O2 SCR/H20 INJ.	BACT
		CO	25.0000 PPMVD AT 15% O2	BACT
		NH3	30.0000 PPMVD AT 15% O2	BACT
		VOC	4.1000 PPMVD AT 15% O2	BACT

NOTES --------
0.3% SULFUR DISTILLATE OIL AS EMERGENCY BACK-UP FUEL. OIL OPERATION LIMITED TO 1200 HOURS/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 242.00 MW

COMPANY NAME/SITE LOCATION: PACIFIC THERMONETICS, INC. CROCKETT COGENERATION — CROCKETT, CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. NSR 4-4-3, SFB 88-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)

PETER FICKENSCHER (AGENCY CONTACT PERSON)
(415)-974-8226 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/06/89
ESTIMATED DATE OF START-UP-- 1994

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
TURBINE, GE FRAME 7, 2 EA	995.00 MMBTU/H	PM10	0.0025 LB/MMBTU NAT GAS USE ONLY
BURNER, HRSG, 2	425.00 MMBTU/H	PM10	0.0048 LB/MMBTU NAT GAS USE ONLY

NOTES --------
THE BAAQMD ISSUED A DETERMINATION OF COMPLIANCE IN ACCORDANCE WITH PSD REGULATIONS DELEGATED TO THE DISTRICT. PM10, THOUGH, HAS NOT YET BEEN DELEGATED BY EPA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: TEXACO-YOKUM COGENERATION PROJECT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3916,3917
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
F. THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/01/88
ESTIMATED DATE OF START-UP-- 1989
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, 2 EA	24.50 MW				
		NOX	190.0000 LB/D		BACT
			0.0310 LB/MMBTU		
		CO	133.0000 LB/D		BACT
			0.0220 LB/MMBTU		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 57.00 MW

COMPANY NAME/SITE LOCATION: TRIGEN, MITCHELL FIELD, , NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/01/88
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE FRAME 6	40.00 MW				
		NOX	60.0000 PPM, GAS		BACT
			65.0000 PPM, OIL		
				STEAM INJECTION	
		SO2	0.2700 % S FUEL		BACT
				LOW S FUEL	
		CO	0.0230 LB/MMBTU		BACT
				COMBUSTION CONTROL	
		PM10	0.0060 LB/MMBTU, GAS		BACT
			0.0400 LB/MMBTU, KEROSINE		
				COMBUSTION CONTROL	
		VOC	0.0110 LB/MMBTU		BACT
				COMBUSTION CONTROL	
BURNER, DUCT	193.00 MMBTU/H				
		NOX	0.2000 LB/MMBTU		BACT
				COMBUSTION CONTROL	
		PM10	0.0150 LB/MMBTU, GAS		BACT
			0.0400 LB/MMBTU, OIL		
				COMBUSTION CONTROL	
		CO	0.0700 LB/MMBTU		BACT
				COMBUSTION CONTROL	
		SO2	0.2700 % S FUEL		BACT
				LOW S FUEL	
		VOC	0.0350 LB/MMBTU		BACT
				COMBUSTION CONTROL	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) TRIGEN

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
NATURAL GAS IS PRIMARY FUEL W/LOW S OIL AS BACK-UP. SOURCE IS LIMITED TO 25% OF BACK-UP FUEL. THIS PROJECT IS WITHIN AN AREA W
HICH IS PROHIBITED FROM INCREASING WATER USE & INCREASED STEAM INDICATION WAS
DEMONSTRATED AS UNAVAILABLE FOR THIS REASON.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 40.00 MW

COMPANY NAME/SITE LOCATION: YERKES, DUPONT COGEN PROJECT — NIAGARA FALLS, NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON) — (518)-457-2044 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/01/88
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE FRAME 6		NOX	42.0000	PPM, GAS	BACT
			65.0000	PPM, OIL	
				STEAM INJECTION	
		SO2	0.3000	% S OIL	
				LOW S FUEL	
		CO	0.0167	LB/MMBTU	
				COMBUSTION CONTROL	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: SOUTHERN NATURAL GAS CO. — GALLION, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 406-0003-X002
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/19/88
ESTIMATED DATE OF START-UP-- 1989
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., GAS FIRED	4160.00 BHP	NOX	2.2000 G/HP-H CLEAN BURN ENGINE	BACT

NOTES --------
STACK TEST TO PROVE COMPLIANCE WITH BACT LIMIT REQUIRED AFTER PROPER DEBUGGING, -- UP TO NINTY DAYS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 4000.00 BHP

COMPANY NAME/SITE LOCATION WESTERN GAS PROCESSORS, LTD. , ND
BILLINGS COUNTY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NORTH DAKOTA SHD (AGENCY) GARY HELBLING (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/11/84
ESTIMATED DATE OF START-UP-- 1985
(701)-224-2348 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, GAS FIRED, 4	4000.00 BHP				
		NOX	2.2000 LB/H PER ENGINE		BACT
		CO	3.1000 LB/H PER ENGINE		SIP
		VOC	0.9700 LB/H PER ENGINE		SIP

NOTES --------
ENGINES HERE INSTALLED AT WESTERN GAS PROCESSORS, LTD, NATURAL GAS PROCESSING PLANT. ENGINES HERE AN EXPANSION TO THE PLANT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION XIOX CORP. RINGGOLD TOWNSHIP, PA

JEFFERSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 33-399-004
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
WILLIAM CHARLTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/31/88
ESTIMATED DATE OF START-UP-- 1989
(412)-645-7100 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 3 EA	6968.00 HP			
		*NOX	5.0000 G/BHP-H	BACT
		CO		
			CATALYTIC CONVERTER	90.00

NOTES --------
DUAL FUEL, NAT GAS/DIESEL, FIRED COOPER BESSEMER ENGINES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 1100.00 HP

COMPANY NAME/SITE LOCATION: COGENERATION PARTNERS OF AMERICA — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-457
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/06/88
ESTIMATED DATE OF START-UP-- 1989
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, COGENERATION	9.62 MMBTU/H				
		PM	0.0200 LB/MMBTU	CLEAN BURN TECHNOLOGY	BACT
		SO2	8.3000 E-4 LB/MMBTU	CLEAN BURN TECHNOLOGY	BACT
		NOX	0.6800 LB/MMBTU 5.9200 LB/H	CLEAN BURN TECHNOLOGY	BACT
		VOC	0.2100 LB/MMBTU 1.8200 LB/H	CLEAN BURN TECHNOLOGY	BACT
		CO	0.7400 LB/MMBTU 6.4800 LB/H	CLEAN BURN TECHNOLOGY	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: LAJET ENERGY CO.
CUMMINS POWER GEN. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 850905 & 850906
DETERMINATION MADE BY SAN DIEGO COUNTY APCD (AGENCY)
CRAIG ANDERSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/17/86
ESTIMATED DATE OF START-UP-- 1987
(619)-694-3318 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., & GENERATOR	1365.00 HP				
		NOX	369.0000 LB/D 5.4000 G/BHP-H	LOW SULFUR FUEL, 0.25% BY WT. H2O INJ., ENGINE DESIGN	BACT

NOTES --------
COST EFFECTIVENESS ENHANCED BY EXISTING SITE WATER TREATMENT FACILITY, WHICH PROVIDES THE WATER FOR THE WATER INJECTION SYSTEM
.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 4.60 MM

COMPANY NAME/SITE LOCATION: MAUI PINEAPPLE CO., LTD. — KAHULUI, HI — MAUI COUNTY

DETERMINATION IS
PERMIT NO. HI 87-02
DETERMINATION MADE BY HAWAII DOH (AGENCY)
TYLER SUGIHARA (AGENCY CONTACT PERSON)
(808)-548-6410 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/17/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 2 EA	2010.00 BHP				
		NOX	536.0000 PPM DRY AT 15% O2		BACT
			17.8400 LB/H, 3H AVG		
				2 DEG. IGNITION RETARD	18.00
				0.1% S MAX. IN FUEL OIL	
		SO2	0.4000 % S MAX #2 FUEL OIL		BACT
		VE	20.0000 % OPACITY		SIP
ENGINE, I.C., 2 EA	3020.00 BHP				
		NOX	520.0000 PPM DRY AT 15% O2		BACT
			25.1900 LB/H, 3H AVG		
				2 DEG IGNITION RETARD	18.00
				0.1% S MAX IN FUEL OIL	
		SO2	0.4000 % S MAX #2 FUEL OIL		BACT
		VE	20.0000 % OPACITY		SIP

NOTES --------
TOTAL COMBINED ANNUAL FUEL CONSUMPTION OF THE TWO 2010 HP & TWO 3020 HP DIESEL ENGINE GENERATORS SHALL NOT EXCEED 1,317,760 GA L/YR. EACH 3020 HP DIESEL GENERATOR SHALL NOT CONSUME IN EXCESS OF 493,720 GAL/YR. AMENDED 03/29/89.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: ALUMINUM CO. OF AMERICA
HARRICK OPERATIONS
NEWBURGH, IN
HARRICK COUNTY

DETERMINATION IS
PERMIT NO. PSD (86) 1623
DETERMINATION MADE BY INDIANA DEM (AGENCY)
D. ZELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/17/86
ESTIMATED DATE OF START-UP-- 1987
(317)-232-8456 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE, COIL, #2	300.00 GAL/H				
		VOC	0.3100 KG/L CTG APPLIED - H2O		S/B
			440.0000 T/12 MON.		
				INCINERATOR	93.00
				LIMIT - 10% VOC APPLIED REMOVAL	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: BDF - TESA CORP — SPARTA, MI

DETERMINATION IS
PERMIT NO. 616-81A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)

GREGORY EDWARDS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/01/88
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7081 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER/COATER	100.00 METER/MIN			
		VOC	0.0200 KG/KG COATING APPLIED	LAER
			INCINERATION	99.00
			CONDENSATION	

NOTES --------
THE CONDENSER & INCINERATOR ARE PARALLEL SYSTEMS. ONE PRIMER IS WATER BASED, EMISSIONS AFTER CONTROL, COND., EQUAL 2.45 E-05 K G VOC PER KG SOLIDS APPLIED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: JAMES RIVER, H.P. SMITH DIVISION — IOWA CITY, IA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY EPA REGION VII (AGENCY) — DANIEL RODRIGUEZ (AGENCY CONTACT PERSON) — (913)-236-2896 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/17/88
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT LIMITED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	...: & BASIS ... PCT EFF
COATER		VOC	0.2000 KG/KG OF COATING SOILDS, MONTHLY AVG SEE NOTES	LOW SOLVENT/HIGH SOLIDS	BACT 98.00
COMBUSTION UNITS		VOC		NATURAL GAS FIRING ONLY	BACT

NOTES --------
FOR PRODUCTION OF "RELEASE" PAPER USED IN TAPES/LABEL INDUSTRY , SEE IA-0021. SECOND COATING LINE HAS REAPPROVED ON 11/17/88.
COATER VOC LIMIT IS EITHER AS INDICATED OR TOTAL ENCLOSURE & THERMAL INCINERATOR AT
98% EFFICIENCY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

06/14/1989

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: PHOMAT REPROGRAPHICS — MADISON HTS, MI

DETERMINATION IS BACT
PERMIT NO. 37-89
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
CHRISTOPHER STOCK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/09/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAPER MACHINE, 2 EA	12.50 GAL/H	VOC	0.3500 LB/GAL H2O INCINERATOR	BACT 94.00

NOTES --------
99% CAPTURE EFFICIENCY, 95% DESTRUCTION EFFICIENCY

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS — 65.00 TRUCKS/H

COMPANY NAME/SITE LOCATION: CHRYSLER MOTORS, DODGE CITY COMPLEX — WARREN, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 489-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DAVID YANOCHKO (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/08/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING, ANTI-CHIP	70.00 TRUCKS/H				
		VOC	0.0000 LB/GAL COATING	THERMAL INCINERATION POWDER COATING	BACT
		PM	0.0000 % OPACITY	HERDING FILTER	

NOTES --------
ALL AIR FROM POWDER SPRAY BOOTH & INFRARED OVEN RECIRCULATED TO BOOTH EXCEPT FOR SMALL PORTION EXHAUSTED TO EXISTING ELPO PRIMER OVEN WITH INCINERATION. POWDER COATING IS ACTUALLY CURED IN EXISTING ELPO PRIMER OVEN.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: CHRYSLER MOTORS, TOLEDO PLANT — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-451
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY) — DALE KRYGIELSKI (AGENCY CONTACT PERSON) — (419)-693-0350 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SANDING, GUIDECOAT	1000.00 CARS/D			
SANDING, TOPCOAT	1000.00 CARS/D	VOC	4.7000 LB/GAL AUTO AIR SPRAY	BACT
SANDING, STONE	1000.00 CARS/D	VOC	3.7000 LB/GAL AUTO AIR SPRAY	BACT
COATING, SOUND DEADENER	1000.00 CARS/D	VOC	3.4000 LB/GAL AUTO AIR SPRAY	BACT
REPAIR TOPCOAT, FINAL	100.00 CARS/D	VOC	3.4000 LB/GAL MANUAL AIRLESS SPRAY	BACT
		VOC	4.8000 LB/GAL ACTIVATED CARBON	BACT

NOTES --------
SAND GUIDECOAT/TOPCOAT USES 50% T.E. FOR T.C. & 30% T.E. FOR STONEGUARD.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/14/1989

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: FORD MOTOR CO. MILAN PLASTICS PLANT — MILAN, MI

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 187-84A & 324-84A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DANITA BRANDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1987
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRECOAT, ELECTROSTATIC	98100.00 GAL/YR	VOC	6.3000 LB/GAL COATING		LAER 0.00
COATING, URETHANE	384400.00 GAL/YR	VOC	5.4000 LB/GAL COATING 22.0900 LB/GAL APPLIED SOLIDS	INCINERATION ON BAKE OVEN	LAER 95.00
DECORATING, URETHANE	119200.00 GAL/YR	VOC	5.2000 LB/GAL COATING 33.7800 LB/GAL APPLIED SOLIDS	INCINERATION ON BAKE OVEN	LAER 95.00

NOTES --------
PRECOAT ELIMINATES NEED FOR A PRIMECOAT & 2ND COAT OF COLOR. TWO COMPONENT URETHANE MUST MEET GASOLINE RESISTANCE & FLEXIBILITY REQUIREMENTS. VOC LIMIT BASED ON 24 H AVG TIME, COATING IS AS APPLIED. LAER IS FOR POLYCARBONATE CAR BUMPERS. TRANSFER EFF. IS 70% FOR 2 COMPONENT URETHANE & 40% FOR SELECTIVE DECORATING. VOC CAPTURE IS 25% FOR BOTH SYSTEMS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER MI 0088

SOURCE TYPE CODE 4.3

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: FORD MOTOR CO. — WIXOM, MI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 925-87 & 924-87A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
CHRISTOPHER STOCK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/17/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SEALER, BODY	1200.00 CARS/D	VOC	0.3500 LB/GAL APPLIED SOLIDS	NONE	LAER
SEALER, CLOSURE	1200.00 CARS/D	VOC	0.7000 LB/GAL APPLIED SOLIDS	NONE	LAER
COATER, ANTICHIP	1200.00 CARS/D	VOC	0.7300 LB/GAL APPLIED SOLIDS	NONE	LAER
PROCESS, ELECTROCOATING	1200.00 CARS/D	VOC	0.2500 LB/GAL APPLIED SOLIDS	THERMAL INCINERATOR	LAER 72.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: FORD MOTOR CO., 50500 MOUND RD., UTICA, MI

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 654-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY) DANITA BRANDT (AGENCY CONTACT PERSON) (517)-373-7078 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/28/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY & OVEN, PRIME/TOPCOAT		VOC	70.0000 LB/H 70.4000 T/YR		BACT
				THERMAL OXIDIZER	90.00

NOTES --------
THIS WAS AN EXISTING SOURCE, INSTALLED IN 1973. INCINERATORS WERE INSTALLED FOR ODOR CONTROL. POUND PER HOUR & TON PER YEAR LIMIT APPLIED TO ENTIRE PROCESS. PROCESSES INCLUDE PRIME SPRAY BOOTH, TOPCOAT SPRAY BOOTH, & PRIME /TOPCOAT OVEN.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: FORD MOTOR CO. — WIXOM, MI

DETERMINATION IS LAER
PERMIT NO. 265-79C
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY) — CHRIS STOCK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/01/89
ESTIMATED DATE OF START-UP-- 1990
(517)-373-7077 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING, PRIMER SURFACER	73.50 CAR/H	VOC	1.8400 LB/GAL APPLIED COATING SOLIDS	BOOTH/OVEN INCINERATION	LAER 95.00
COATING, URETHANE ANTI-CHIP	73.50 CAR/H	VOC	9.6100 LB/GAL APPLIED COATING SOLIDS	OVEN INCINERATION	LAER 95.00
COATING, COLOR-IN-PRIME	73.50 CAR/H	VOC	14.8000 LB/GAL APPLIED COATING SOLIDS	OVEN INCINERATION	LAER 95.00

NOTES --------
4.1 LB VOC/GAL COATING, 80% T.E., 16% OVEN CAPTURE EFFICIENCY, 82.4% COMPOSITE DESTRUCTION EFFICIENCY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: FORD MOTOR CO. — WIXOM, MI

DETERMINATION IS
PERMIT NO. 280-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY) — CHRIS STOCK (AGENCY CONTACT PERSON) — (517)-373-7077 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/01/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING, BLACKOUT	73.50 JOBS/H	VOC	12.2400 LB/GAL APPLIED COATING SOLIDS	LAER

NOTES --------
1.19 LB VOC/GAL COATING, 24.3% SOLIDS, 40% T.E.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS

COMPANY NAME/SITE LOCATION: FORD MOTOR CO. WIXOM, MI

DETERMINATION IS
PERMIT NO. 276-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
CHRIS STOCK (AGENCY CONTACT PERSON)
(517)-373-7077 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/01/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING, TOPCOAT	73.50 CARS/H	VOC	5.2900 LB/GAL APPLIED COATING SOLIDS PARTIAL BOOTH/OVEN INCINERATION	LAER 68.00

NOTES --------
BOOTH/OVEN SPLIT - 85/15. BASE COAT 4.3 LB VOC/GAL APPILED COATING SOLIDS, CLEARCOAT 3.4 LB VOC/GAL APPLIED COATING SOLIDS

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS — 5.20 VEH/D

COMPANY NAME/SITE LOCATION: MERCEDES BENZ TRUCK CO. — HAMPTON, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 60956
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
(804)-786-0172 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/10/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINT BOOTH, SPRAY	5.20 VEH/D				
		SIL*	0.7200 LB/D		
				FILTERS	0.10
				LIMITS ON PAINTS BY TYPE	
		COB*	0.0080 LB/D		
		CHR*	0.1800 LB/D		
		HDM	0.1500 LB/D		
		HHD	0.7200 LB/D		
		ZIN*	0.0100 LB/D		

NOTES --------
INSTALL PAINT SPRAY BOOTH TO BE USED TO COAT GOVERNMENT VEHICLES. CAPACITY IS FIVE VEH. PER DAY PLUS TOUCH-UP PAINTING EQUIVALENT TO 0.2 VEH. PER DAY. HDM = HEXAMETHYLENE DIISOCYANATE MONOMER. HHD = HOMOPOLYMER OF HEXAMETHYLENE DIISOCYAMATE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - AUTO./LIGHT DUTY TRUCKS — 13908.00 TRUCKS/YR

COMPANY NAME/SITE LOCATION: VOLVO GM HEAVY TRUCK CO. , VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 20765
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY) — TOM CREASY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/08/88
ESTIMATED DATE OF START-UP-- 1989
(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, TOTAL	102700.00 GAL/YR				
LINE, CHASIS		VOC	244.0000 T/YR		
LINE, MINI CAB		VOC	67.0000 T/YR	H2O WASH FOR PM	
		VOC	23.0000 T/YR	H2O WASH FOR PM	
		N-B*	3707.0000 LB/YR		

NOTES --------
CONSTRUCTION OF A MODIFIED TRUCK PAINTING FACILITY. 5% OPACITY FROM PAINT LINES. CHASIS PAINT = 3.5 LB VOC PER GALLON COAT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION: MILL BUSINESS FURNITURE, 2375 DORR ST., TOLEDO, OH, LUCAS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PTI 04-530
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
JEFFREY THADDLE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE, POWDER, METAL FUR*		PM	0.2400 LB/H		BACT
				PAPER FILTER	99.00
		PM10	0.0240 LB/H		BACT
				PAPER FILTER	99.00
		VOC	0.0000 LB/H		BACT
				USE OF POWDER COATINGS	100.00

NOTES --------
POWDER APPLIED ELECTROSTATICLY

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION: SPECTRA-COLOR, INC. — OTTAWA, MI

DETERMINATION IS BACT
PERMIT NO. 192-88A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7080 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVEN & OTHER PROCESSES, SEE NOTE	4.00 GAL/H	VOC	2.4300 LB/GAL 4.6000 LB/GAL SOLIDS AS APPLIED	BACT 80.00

NOTES --------
PROCESSES INCLUDE PAINT BOOTH OVEN & AUTO TURBO DISC SYSTEM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION: STEELCASE INC. , MI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 10-89
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7080 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING OPER., FILES/SM. PARTS	8600.00 SQFT/H PAIN*			
		VOC	2.9000 LB/GAL COATING-H2O	LAER
			7.5000 LB/GAL SOLIDS APPLIED, 30D AVG	
			MIX OF TURBO, ELECTROSTATIC, HAND-HELD GUNS	62.00

NOTES --------
AUTOMATIC GUNS PAINT ONLY 17.5% OF THE TOTAL SURFACE. PROJECT IS NOT FEASIBLE IF AUTOMATIC BOOTHS EMISSIONS AT 10.8 T/YR WERE REQUIRED TO BE CONTROLLED. LAER IS NSPS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: B.O.C. GROUP, GENERAL MOTORS CORP. KALAMAZOO, MI

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 398-88 THRU 405-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/17/89
ESTIMATED DATE OF START-UP--
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PROCESS LINES, ADHESIVE APPL., *	400.00 PIECES/H, N*	VOC	3.2100 LB/GAL, DOORS, NOTE#2 0.1000 LB/GAL, PIECES, NOTE#2 SEE NOTE #3	LAER

NOTES --------
NOTE #1-OTHER PIECES ARE A SUNROOF, DOORS, & A COMPARTMENT LINE. NOTE #2-LOWER LIMIT IS FOR COMPARTMENT LID ONLY. NOTE #3-APPLICATION BY MECHANICAL EXTRUSION, REPLACES SPRAY APPLICATION.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: BOEING COMMERCIAL AIRPLANES — RENTON, WA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 88-4
DETERMINATION MADE BY WASHINGTON DOE (AGENCY)
JOHN DRABEK (AGENCY CONTACT PERSON)
(206)-867-7106 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/01/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINT HANGER	33100.00 GAL/YR				
		VOC	124.0000 T/YR		BACT
				ELECTROSTATIC SURFACE COATING	30.00
				GOOD MFG/WORK PRACTICES	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: HEEKIN CAN CO. PITTSBURGH, PA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 88-I-0017-P
DETERMINATION MADE BY ALLEGHENY COUNTY APCB (AGENCY)
J. GRAHAM (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/01/88
ESTIMATED DATE OF START-UP-- 1988
(412)-578-8116 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING/PRINTING LINE, 4	30.00 T/H	VOC	THERMAL AFTERBURNER 0.5 SEC RESID. TIME AT 1400F	BACT 95.00

NOTES --------
ESTIMATED COATER CAPTURE EFFICIENCY - 90%, OVERALL VOC CONTROL - 85%

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 4.7

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: MICHIGAN SEAT CO. — JACKSON, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 419-858
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DAVID YANCHKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/15/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING, METAL PARTS	13500.00 GAL/YR	VOC	2.9000 LB/GAL 23.7000 T/YR SEE NOTES		BACT

NOTES --------
LB/GAL LIMITS ARE COATING MINUS H2O AS APPLIED. ROBOTIC, ELECTROSTATIC APPLICATION EQUIPMENT WILL INCREASE TRANSFER EFFICIENCY BY 20%. EQUIPMENT IS OVER-MANUAL AIR-ASSISTED AIRLESS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: MIDWEST BRAKE BOND, 26255 GROESBECK HWY, WARREN, MI

DETERMINATION IS
PERMIT NO. 5-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
LYNN FIEDLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/16/88
ESTIMATED DATE OF START-UP-- 1972
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BONDING, BRAKE	1500.00 GAL/YR			
		VOC	5.4600 LB/GAL MINUS H2O 4.1000 T/YR	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: SURFACE COATING - MISC. METAL PARTS/PRODUCTS

COMPANY NAME/SITE LOCATION: TAYLOR BUILDING PRODUCTS, 600 THIRD ST., WEST BRANCH, MI

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 683-85,684-85
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/18/88
ESTIMATED DATE OF START-UP--
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING, PRIME	100.00 LB/H, AVG	VOC	3.5000 LB/GAL COATING-H2O AS APPLIED	WATERBORNE PAINT	R/B
MATL APPLICATION, ADHESIVE	100.00 LB/H, AVG	VOC	0.9000 LB/GAL COATING-H2O AS APPLIED	WATERBORNE ADHESIVE	R/B
ENTRANCE DOOR, ENDS		VOC	2.6000 LB/GAL COATING-H2O AS APPLIED	METHYL CHLOROFORM SOLVENT ADHESIVE	R/B

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE : SURFACE COATING - FLATWOOD PANELING

COMPANY NAME/SITE LOCATION: BRUCE HARDWOOD FLOORS — CENTER, TX — SHELBY COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18470
DETERMINATION MADE BY TEXAS ACB (AGENCY) — JAMES CUNNINGHAM (AGENCY CONTACT PERSON) — (517)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/02/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVEN					
COATER, 3		VOC	3.1100 T/YR		BACT
COATER/BRUSHER		VOC	2.4200 T/YR		BACT
UV CURE, 3		VOC	24.1200 T/YR		BACT
		VOC	1.7600 T/YR		BACT

NOTES --------
NON-SPRAY, CONTACT APPLICATION OF HIGH SOLIDS ON WOOD & UV-CURING PROCESS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SOLVENT DEGREASING

COMPANY NAME/SITE LOCATION: GENERAL MOTORS CORP., SAGINAW DIV. — SAGINAW, MI

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 581-79A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
TOM JULIEN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1973
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DEGREASER, VAPOR, CONVEYORIZED	12.50 GAL/H SOLVE*	VOC	13.9000 LB/H	CARBON ADSORPTION/CONDENSING COILS CHILLED H2O COOLING JACKET	RACT 90.00

NOTES --------
EXISTING SOURCE CONTROLLED TO CORRECT VIOLATIONS OF BACT PERMIT VOC LIMITS & TO REDUCE EXCESSIVE CARCINOGEN RISK FOR TRICHLORO ETHYLENE SOLVENT USED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE GRAPHIC ARTS - ROTOGRAVURE

COMPANY NAME/SITE LOCATION ADVANCED PRINTING TECHNOLOGY CAERNARUON TOWNSHIP, PA
BERKS COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 06-320-001
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY) ROGER FITTERLING (AGENCY CONTACT PERSON) (215)-270-1920 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/25/88
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, ROTOGRAVURE, 2		VOC	THERMAL INCINERATION	SIP 99.00

NOTES --------
VOC EMISSIONS WILL BE BELOW THE OFFSET REQUIREMENT OF 50 TPY. CAPTURE IS 100%, DESTRUCTION EFF 99%. STACK TEST WILL BE REQUIRE D TO DEMONSTRATE 99% DESTRUCTION & 100% CAPTURE. COMBUSTION CHAMBER TEMP TO BE MAINTAINED AT MINIMUM OF 1500F. FACILITY'S COMBINED VOC EMISSION LIMITED TO 100 LB/H , 1000 LB/D, OR 50 T/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE GRAPHIC ARTS - ROTOGRAVURE

COMPANY NAME/SITE LOCATION J.M. FERGUSSON & SONS, INC. RICHMOND, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 50224
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
(804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/30/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, #6					
		VOC	31.8000 LB/H 95.4000 T/YR		
				CARBON ADSORPTION	73.00
PRESS, #1-5					
		VOC	147.7000 LB/H 443.0000 T/YR		
				CARBON ADSORPTION	70.00

NOTES --------
INSTALL AN ADDITIONAL ROTOGRAVURE PRESS. A TEST SOURCE MUST COMPLY WITH VOC, HAZARDOUS WASTE, FORMULA IN PERMIT. NON-CRITERIA EMISSION NOT TO EXCEED 179.5 LB/H IN ANY COMBINATION OF TOLUENE, ISOPROPYL ACETATE, HEXANE & METHYLECHYL KETONE, WITH HEXANE CONCENTRATION A MAXIMUM OF 50% OF MIXTURE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GRAPHIC ARTS - ROTOGRAVURE

COMPANY NAME/SITE LOCATION: QUAD/GRAPHICS, INC., 925 BADGE ROAD, LAMIRA, MI

DETERMINATION IS BACT
PERMIT NO. 87-RV-083
DETERMINATION MADE BY WISCONSIN DNR (AGENCY)
RAJ VAKHARIA (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/29/88
ESTIMATED DATE OF START-UP-- 1988
(608)-267-2015 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, ROTOGRAVURE, #RG4 & RG5					
		VOC	128.9600 LB/H		B/N
			319.8000 T/YR		
				CARBON ADSORBER	
				SOLVENT RECOVERY SYSTEM	85.00

NOTES --------
THE VOC LIMIT MAY BE REVISED INCLUDING IMPOSING A MORE RESTRICTIVE LIMIT IF APPROPRIATELY BASED ON THE RESULTS OF SOURCE PERFO
RMANCE TEST REQUIRED & THE ACTUAL OPERATING EXPERIENCE OF THE PRESS. EMISSIONS =(GAL INK CONSUMED/MONTH)X
(VOC CONTENT OF INK) X (MONTH/#HRS PRESS OPERATED) X (1-OBSERVED OVERALL EFFICIENCY).

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: GRAPHIC ARTS - ROTOGRAVURE

COMPANY NAME/SITE LOCATION: R.J. REYNOLDS TOBACCO CO. PACKAGING DIVISION — WINSTON-SALEM, NC

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 00786-0001
DETERMINATION MADE BY FORSYTH COUNTY EAD (AGENCY)
MARY SCHMEIN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/01/89
ESTIMATED DATE OF START-UP-- 1990
(919)-727-8060 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS/LAMINATOR, ROTOGRAVURE, 1*	1000.00 FT/MIN	VOC	705.0000 LB/H, SEE NOTE	REGENERATIVE THERMAL INCINERATOR	BACT 90.25
LAMINATOR, TRIPLEX ROTOGRAVURE,*	1000.00 FT/MIN	VOC		REGENERATIVE THERMAL INCINERATOR	BACT 90.25
LAMINATOR, DUPLEX ROTOGRAVURE, 2	1000.00 FT/MIN	VOC		REGENERATIVE THERMAL INCINERATOR	BACT 90.25
FILM PRESS, ROTOGRAVURE, 8 STAT*	1000.00 FT/MIN	VOC		REGENERATIVE THERMAL INCINERATOR	BACT 90.25

NOTES ---------
EQUIPMENT ENCLOSURES DESIGNED FOR 100% CAPTURE WITH AN ESTIMATED EFFECTIVENESS OF 95%. INCINERATORS MINIMUM DESTRUCTION EFFICIENCY - 95%. COMBINED CAPTURE/DESTRUCTION EFFICIENCY OF 90.25%. 705 LB/H LIMIT IS TOTAL FOR ALL EQUIPMENT.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 4.12

SOURCE TYPE/SIZE GRAPHIC ARTS - ROTOGRAVURE

COMPANY NAME/SITE LOCATION REXHAM CORP. EDINBURGH, IN

DETERMINATION IS
PERMIT NO. PSD (41) 1704
DETERMINATION MADE BY INDIANA DEM (AGENCY)

TIM JONES (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/22/88
ESTIMATED DATE OF START-UP-- 1989
(317)-232-8443 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, ROTOGRAVURE PRINTING	1570.00 T/YR INK	VOC	376.8000 T/YR	THERMAL INCINERATION	BACT 76.00

NOTES --------
NOTE 1 - PRESS IS 52 INCHES WIDE, 9 UNITS, RATED AT 1000 FPM. NOTE 2 - CAPTURE 80%, DESTRUCTION 95%, OVERALL CONTROL 76%. NOTE 3 - COMPLIANCE DETERMINED BY DAILY MATERIAL BALANCE OF SOLVENTS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE GRAPHIC ARTS - FLEXOGRAPHY

COMPANY NAME/SITE LOCATION BEMIS CO., INC. TERRE HAUTE, IN

DETERMINATION IS
PERMIT NO. PC (84) 1669
DETERMINATION MADE BY INDIANA DEM (AGENCY)
TERRENCE HOVA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/25/87
ESTIMATED DATE OF START-UP-- 1989
(317)-232-8449 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING PRESS, FLEXOGRAPHIC, 4				
		VOC	338.0000 T/YR	BACT
			CATALYTIC INCINERATION	72.20

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE GRAPHIC ARTS - OTHER

COMPANY NAME/SITE LOCATION ARROW INDUSTRIES, INC. , TX
FARMERS BRANCH DALLAS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18449
DETERMINATION MADE BY TEXAS ACB (AGENCY) JAMES CUNNINGHAM (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/28/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, PRINTING		VOC	37.7900 T/YR	CATALYTIC INCINERATOR	BACT

NOTES --------
OVERALL FACILITY VOC CONTROL EFF IS 75%, BASED ON OVERALL MATERIAL BALANCE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS:

SOURCE TYPE/SIZE GRAPHIC ARTS - OTHER

COMPANY NAME/SITE LOCATION GRANDVILLE PRINTING CO. GRANDVILLE, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
LINDA HARDELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING PRESS/DRYER	733.00 FT/MIN			
		PM	5.0000 % OPACITY	BACT
			CATALYTIC INCINERATOR	95.00

NOTES --------
PM IS ACTUALLY HEAVY CONDENSIBLE ORGANICS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE GRAPHIC ARTS - OTHER

COMPANY NAME/SITE LOCATION MICHIGAN LITHO , MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 452-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
LINDA HARDELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/13/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7084 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING PRESS		PM	5.9000 T/YR	
			CATALYTIC INCINERATION	98.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE GRAPHIC ARTS - OTHER

COMPANY NAME/SITE LOCATION ORGANIC CHEMICALS, INC. GRANDVILLE, MI

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 809-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/27/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7080 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DISTILLATION, VACUUM	1500.00 GAL/BATCH, *				
		MET*	125.0000 MG/CUBIC METER	CALGON CARBON DRUM, 200 LBS OF TYPE BPL CARBON AT 150 CFM	B/U 99.00
		MET*	95.0000 MG/CUBIC METER	CALGON CARBON DRUM, 200 LBS OF TYPE BPL CARBON AT 150 CFM	
		TRI*	24.0000 MG/CUBIC METER	CALGON CARBON DRUM, 200 LBS OF TYPE BPL CARBON AT 150 CFM	
		PER*	11.0000 MG/CUBIC METER	CALGON CARBON DRUM, 200 LBS OF TYPE BPL CARBON AT 150 CFM	

NOTES --------
8 HOUR BATCH CYCLE. A FRESH NEW CARBON DRUM IS REQUIRED FOR EACH BATCH. TYPICAL WT. COMPOSITION - ME2CL2 40%, METHYL CHLOROFOR M 35%, TCE 9%, PERC 4%, SOLIDS 12%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE GRAPHIC ARTS - OTHER

COMPANY NAME/SITE LOCATION THE MORRILL PRESS FULTON, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/07/88
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, 8 COLOR CERUTTI	36.00 INCH WEB HI*				
		VOC	58.0000 T/YR		BACT
				CATYLIC INCINERATOR	81.00
PRESS, 11 COLOR CERUTTI	36.00 INCH WEB HI*				
		VOC	80.0000 T/YR		BACT
				CATYLIC INCINERATOR	81.00

NOTES --------
FACILITY WIDE VOC EMISSIONS WILL NOT EXCEED 793 T/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: DRY CLEANING

COMPANY NAME/SITE LOCATION: ONE HOUR MARTINIZING — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-493
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY) — DALE KRYGIELSKI (AGENCY CONTACT PERSON) — (419)-693-0350 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/02/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYCLEANING, PERC.	35.00 LB/H	VOC	0.7000 T/YR	DRY/DRY M/CONDENSER	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE: DRY CLEANING

COMPANY NAME/SITE LOCATION: QUALITY CLEANERS — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-481
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
(419)-693-0350 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/31/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYCLEANING, PERC.	30.00 LB/H	VOC	0.7000 T/YR DRY/DRY H/CONDENSER	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0161

SOURCE TYPE CODE 4.16

SOURCE TYPE/SIZE: DRY CLEANING — 310.00 LB/H TOTAL

COMPANY NAME/SITE LOCATION: RUSSELL'S FORMAL WEAR — TOLEDO, OH

DETERMINATION IS
PERMIT NO. 04-465
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
(419)-693-0350 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/04/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, PERC. 2 EA	80.00 LB				
		VOC	100.0000 PPM	CARBON ADSORBER	BACT
STILL, PERC					
		VOC	60.0000 % PERC IN WASTE	MINIMUM PERC	BACT
FILTER, PERC					
		VOC		DRAIN FOR 24 HOURS DISP. CART.	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE: SURFACE COATING OF WOOD FURNITURE

COMPANY NAME/SITE LOCATION: PETERS REVINGTON FURNITURE — DELPHI, IN — CARROLL COUNTY

DETERMINATION IS
PERMIT NO. PSD (08) 1692
DETERMINATION MADE BY INDIANA DEM (AGENCY)
D. ZELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/14/88
ESTIMATED DATE OF START-UP-- 1988
(317)-232-8456 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOOTH, TONER		VOC	6.3000 LB/GAL CTG - H2O	AIR ASSISTED AIRLESS SPRAY	BACT
BOOTH, NGR & SAP STAIN		VOC	6.6200 LB/GAL CTG - H2O	AIR ASSISTED AIRLESS SPRAY	BACT
BOOTH, WASHCOAT		VOC	5.7800 LB/GAL CTG - H2O	AIRLESS SPRAY	BACT
BOOTH, WIPE STAIN		VOC	4.8600 LB/GAL CTG - H2O	AIRLESS SPRAY	BACT
BOOTH, SEALER		VOC	5.5200 LB/GAL CTG - H2O	AIPLESS SPRAY	BACT
BOOTH, LACQUERS		VOC	4.9200 LB/GAL CTG - H2O	AIRLESS SPRAY	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER IN-0032

SOURCE TYPE CODE 4.17

SOURCE TYPE/SIZE: SURFACE COATING OF WOOD FURNITURE

COMPANY NAME/SITE LOCATION: THOMASVILLE FURNITURE INDUSTRIES — SMETHPORT, NC

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 6382
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
MIKE SEWELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/14/88
ESTIMATED DATE OF START-UP-- 1990
(919)-733-3340 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH, 15	190500.00 GAL/YR	VOC	6674.0000 LB/D, PLANTWIDE 600.0000 T/YR, 12 MO ROLL AVG	AIRLESS/AIR-ASSISTED AIRLESS SPRAYING NON-PHOTOCHEMICALLY REACTIVE MATLS	
BOILER, WOOD FIRED, 3 EA	23.03 MMBTU/H, AV*	VOC		PROPER OPERATING PROCEDURES PROPER MAINTENANCE,GOOD COMBUSTION	

NOTES --------
THE AIR PERMIT CONTAINS EMISSION LIMITS TO AVOID PSD APPLICABILITY FOR THE BOILERS. TWO OF THE THREE BOILERS ARE RATED AT 16.7 MMBTU/H. THE OTHER IS RATED AT 35.7 MMBTU/H.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 4.17

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS

COMPANY NAME/SITE LOCATION: DETROIT PLASTIC MOLDING CO. — STERLING HEIGHTS, MI

DETERMINATION IS BACT
PERMIT NO. 82-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
CHRIS STOCK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1987
(517)-373-7077 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING, SM PARTS, PRIME COAT		VOC	9.2600 LB/GAL APPLIED SOLIDS	B/N 50.00
COATING, SM PARTS, COLOR COAT		VOC	7.9100 LB/GAL APPLIED SOLIDS	B/N 50.00
COATING, SM PARTS, TEXTURE COAT		VOC	7.9100 LB/GAL APPLIED SOLIDS	B/N 50.00
COATING, SM PARTS, TOUCH-UP COAT		VOC	3.9500 LB/GAL APPLIED SOLIDS	B/N 100.00

NOTES --------
TRANSFER EFFICIENCY DEMONSTRATED BY TESTING.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS — 600.00 T/YR

COMPANY NAME/SITE LOCATION: EVART PRODUCTS CO., 601 W. 7TH ST. — SUART, MI 49631

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 521-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY) GREGORY EDWARDS (AGENCY CONTACT PERSON) (517)-373-7081 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/21/89
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINT BOOTH, BASECOAT, 5		VOC	5.1000 LB/GAL AS APPLIED	ELECTROSTATIC SPRAY	BACT
PAINT BOOTH, CLEARCOAT, 5		VOC	4.2000 LB/GAL AS APPLIED	ELECTROSTATIC SPRAY	BACT

NOTES ---------
PLASTIC IS TPO/ POLYRTHYLENE, POLYBUTYLENE, ETC /WHICH REQUIRES PRE-COAT AT 6.8 LB VOC PER GAL APPLIED IN FIRST BOOTH.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS

COMPANY NAME/SITE LOCATION: LACKS INDUSTRIES — SARANAC, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 133-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/20/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING, PLASTIC, PRIME ONLY	54520.00 PARTS/MONTH	VOC	19.0000 LB/H SEE NOTE 66.3000 T/YR SEE NOTE	INCINERATION	95.00

NOTES --------
BEFORE 12-15-88 EMISSION RATES WERE AS FOLLOWS - 35.28 LB/GAL APPLIED SOLIDS, MONTHLY AVG & 50.0 LB/GAL APPLIED SOLIDS, 24 HOU
R AVG. AFTER 12-15-88 EMISSION LIMITS ARE - 25.23 LB/GAL APPLIED SOLIDS, MONTHLY AVG &
35.75 LB/GAL APPLIED SOLIDS, 24 HOUR AVG. AFTER 12-15-88 INCINERATION OF OVEN EXHAUST & FINAL FLASH-OFF EXHAUST EMISSIONS TO B
EGIN. 30% CAPTURE & 95% DESTRUCTION.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS

COMPANY NAME/SITE LOCATION: MARK I MOLDED PLASTICS — JONESVILLE, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 505-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/23/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WASHER, MASK		VOC		SOLVENTLESS WASH USED	
PAINTING, PLASTIC PARTS		VOC	5.9700 LB/GAL-H2O 3.8000 LB/H		

NOTES --------
WATER SOLUBLE MATERIAL CONTAINING NO VOC USED ON MASKS. CLEANED WITH PRESSURE FLOOD WASHING SYSTEM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS — 190.00 UNITS/H

COMPANY NAME/SITE LOCATION: PINE RIVER PLASTICS, INC. , MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 377-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DAVID YANOCHKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/31/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ADHESIVE PROCESS, PLASTIC PARTS	3560.00 GAL/YR ADHE*	VOC	2.1000 LB/H 9.1000 T/YR	WATER-BASED LATEX MASK MATERIAL	BACT

NOTES ---------
COMPANY MODIFIED PROCESS TO USE A WATER BASED LATEX MATERIAL, 0.61 LB VOC/GAL, THAT CAN BE PERIODICALLY REMOVED FROM MASKS WIT
H ACCUMULATED ADHESIVE. THIS REPLACED USE OF A SOLVENT MASK WASHER PROCESS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS

COMPANY NAME/SITE LOCATION: UNITED TECHNOLOGIES AUTOMOTIVE — BAY CITY, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 780-80A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DAVID YANOCHKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/06/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING, PLASTIC	12500.00 GAL COATING*	VOC	6.0500 LB/GAL COATING 12.5000 LB/H	LOW PRESSURE/HIGH VOLUME APPLICATION EQUIP.	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS

COMPANY NAME/SITE LOCATION: VIMCO — MT. CLEMENS, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 929-84B
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
DAVID YANOCHKO (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/15/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING, PLASTIC PARTS	15200.00 GAL/YR COAT*	VOC	112.0000 LB/GAL SOLIDS APPL 24.0000 LB/H SEE NOTES	AVG VOC CONTENT = 5.83 LB/GAL AS APPL	BACT

NOTES --------
LOW PRESSURE HIGH VOLUME APPLICATION EQUIPMENT PROVIDES A TRANSFER EFFICIENCY OF 40%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: ALBAR INDUSTRIES, INC. — LAPEER, MI

DETERMINATION IS LAER
PERMIT NO. 405-87
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
(517)-373-7081 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/18/89
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LINE #1, PRIME COAT		VOC	11.3900 LB/GAL OF APPLIED SOLIDS, 24H AVG 4.5900 LB/GAL APPLIED SOLIDS, MON AVG	INCINERATOR, SEE NOTE	LAER
LINE #2, PRIME COAT		VOC	14.7100 LB/GAL OF APPLIED SOLIDS, 24H AVG 11.2300 LB/GAL APPLIED SOLIDS, MON AVG	INCINERATOR, SEE NOTE	LAER
LINE #1, BASE COAT		VOC	13.0000 LB/GAL OF APPLIED SOLIDS, 24H AVG 10.3300 LB/GAL APPLIED SOLIDS, MON AVG	INCINERATOR, SEE NOTE	LAER
LINE #2, BASE COAT		VOC	15.9000 LB/GAL OF APPLIED SOLIDS, 24H AVG 12.6700 LB/GAL APPLIED SOLIDS, MON AVG	INCINERATOR, SEE NOTE	LAER
LINE #1, CLEAR COAT		VOC	4.9500 LB/GAL OF APPLIED SOLIDS, 24H AVG 4.9500 LB/GAL APPLIED SOLIDS, MON AVG	INCINERATOR, SEE NOTE	LAER
LINE #2, CLEAR COAT		VOC	6.0800 LB/GAL OF APPLIED SOLIDS, 24H AVG 6.0800 LB/GAL APPLIED SOLIDS, MON AVG	INCINERATOR, SEE NOTE	LAER

NOTES --------
OVERALL CONTROL EFFICIENCY ON THE INCINERATOR IS 56%. CONTROL EFFICIENCY ON THE OVEN & THE FINAL INCINERATOR DESTRUCTION FLASH -OFF IS 95%.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS:

06/14/1989

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION BELL HELICOPTER TEXTRON INC. FORT WORTH, TX

TARRANT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18514
DETERMINATION MADE BY TEXAS ACB (AGENCY) JAMES CUNNINGHAN (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/27/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH, PAINT					
		VOC	8.6100 T/YR		BACT
			8.1800 T/YR	CARBON ADSORBER & INCINERATOR	
		NOX	0.4600 T/YR		
		SO2	0.0100 T/YR		
		PM	0.3400 T/YR		
		CO	0.1900 T/YR		

NOTES --------
A ROTATING CYLINDRICAL CARBON ADSORBER IS USED TO ADSORB & DESORB VOC. THE DESORBED VOC IS INCINERATED IN A CATALYTIC INCINERATOR. OVERALL VOC CONTROL EFF. IS 90.25%, BASED ON OVERALL MATERIAL BALANCE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION C & F STAMPING CO, INC. CASCADE, MI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 51-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/19/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING, PRIMECOAT					
		VOC	11.6000 LB/GAL OF SOLIDS APPLIED		LAER
				THERMAL INCINERATION	95.00
COATING, TOPCOAT					
		VOC	8.6000 LB/GAL OF SOLIDS APPLIED		LAER
				THERMAL INCINERATION	95.00

NOTES --------
THE TOPCOAT SYSTEM IS A BASECOAT & CLEARCOAT COMBINATION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: CADILLAC MOTOR CAR DIV. - G.M.C. — GRAND BLANC, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 797-88,798-88,799-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/21/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DISPENSER, SEALER	365.00 PARTS/H	VOC	0.0500 LB/GAL	BACT
DISPENSER, ANTI-FLUTTER	36.00 PIECES/H EA	VOC	3.1900 LB/GAL	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: DOVER PRODUCTS CO. DOVER, TN

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 996956P
DETERMINATION MADE BY TENNESSEE APCD (AGENCY)
CURTIS MAPP (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/28/88
ESTIMATED DATE OF START-UP-- 1988
(615)-741-3651 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH, 2		VOC	6.1000 LB/GAL OF COATING APPLIED	LAER

NOTES --------
2 AIR ATOMIZED SPRAY BOOTHS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: EAGLE OTTAWA LEATHER CO. GRAND HAVEN, MI

DETERMINATION IS: FOR A NEW SOURCE.
PERMIT NO. 215-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
LINDA HARDELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/10/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH/DRYING TUNNEL	124.60 HIDES/H	VOC	0.1180 LB/HIDE	LOW VOC COATING	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: K.B. LIGHTING, INC. — KENTWOOD, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 374-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY) — DHRUMAN SHAH (AGENCY CONTACT PERSON) — (517)-373-7080 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/28/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING MACHINE, SPRAYCOAT	6.60 GAL/H	VOC	11.8000 LB/H	CONTROLLED THERMAL OXIDIZER AT 20000 SCFM	BACT 95.00
COATING MACHINE, FLOWCOAT	10.00 GAL/H	VOC	11.8000 LB/H	CONTROLLED THERMAL OXIDIZER AT 20000 SCFM	BACT 95.00
COATING MACHINE, PREWASH	6.60 GAL/H	VOC	11.8000 LB/H	CONTROLLED THERMAL OXIDIZER AT 20000 SCFM	BACT 95.00
COATING MACHINE, MASKWASH	4.80 GAL/H	VOC	11.8000 LB/H	CONTROLLED THERMAL OXIDIZER AT 20000 SCFM	BACT 95.00
DISTILL. UNIT	20.00 GAL/H	VOC	11.8000 LB/H	CONTROLLED THERMAL OXIDIZER AT 20000 SCFM	BACT 95.00

NOTES --------
ALL PORTIONS OF THE PROCESS OCCUR WITHIN THE MACHINE ENCLOSURE. MACHINE OPERATES ON FLOWCOAT/SPRAYCOAT SEQUENCE. PREWASH IS FO R BASECOAT ONLY. PROCESS INCLUDES PREWASH WITH BUTYL ACETATE, FLOWCOAT, SPRAYCOAT, MASKWASH, & DISTILLATION. UNCONTROLLED VOC EMISSION = 120.7 LB/H. CONTROLLED EMISSION RATE = 11.8 LB/H OR 35.3 TPY. OPERATES 6000 HOURS PER YEAR. EQUIPM ENT INCLUDES 2 AUTOMATIC COATING MACHINES & 3 SOLVENT DISTILLATION UNITS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: LIBBY-OWENS-FORD — CLINTON, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 561-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY) — LYNN FIEDLER (AGENCY CONTACT PERSON) — (517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/01/88
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING, PLASTIC	0.46 GAL/H	VOC	4.9100 LB/GAL MINUS H2O AS APPLIED	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: MARBELITE CORP. — NOVI, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 639-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
PAUL SCHLEUSENER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1981
(517)-373-7089 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY, POLYESTER GELCOAT	26.00 LB/H	VOC	0.1700 LB/LB GELCOAT USED	AIR-ASSISTED AIRLESS APLICATION SYSTEM	SIP

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: SEPA, INC.
DIVISION OF SETON CO.
SAXTON BOROUGH, PA
BEDFORD COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 05-318-010
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
RONALD DAVIS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/05/89
ESTIMATED DATE OF START-UP-- 1989
(717)-657-4587 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT LIMITED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LINE #1, BASE COAT	300.00 HIDES/H	VOC	0.4860 LB/GAL MINUS H2O	WATER BASE COATING	SIP
LINE #2, PLATE COAT	300.00 HIDES/H	VOC	3.5300 LB/GAL MINUS H2O	WATER BASE COATING	SIP
LINE #3, COLOR/ANTIQUE	300.00 HIDES/H	VOC	6.5000 LB/GAL	THERMAL INCINERATOR	SIP 90.00
LINE #4, ANTIQUE/TOP	300.00 HIDES/H	VOC	6.4000 LB/GAL	THERMAL INCINERATOR	SIP 90.00

NOTES --------
EACH LINE CONSISTS OF A CONVEYORIZED SPRAYBOOTH, AIRLESS, & AN OVEN. LINE#1 - BASE COAT, LINE#2 - PLATE COAT, TRANFER EFF = 75 %, LINE#3 - COLOR/ANTIQUE COAT, LINE#4 - ANTIQUE/TOP COAT. BOTH THE SPRAY BOOTHS & THE OVENS OF LINES #3 & 4 ARE CONTROLLED. THESE LIMITS ARE DUE TO BAT REQUIREMENTS OF THE SIP.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: TENNESSEE ELECTROPLATING CO. — RIPLEY, TN

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 995696P
DETERMINATION MADE BY TENNESSEE APCD (AGENCY) — CURTIS MAPP (AGENCY CONTACT PERSON) — (615)-741-3651 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH	2352.00 GAL/MONTH O*	VOC	6.4000 LB/GAL OF COATING APPLIED	LAER

NOTES --------
UNIQUE COATINGS CALLED RESISTS OR STOP-OFF LACQUERS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS — 1600.00 BOATS/YR

COMPANY NAME/SITE LOCATION: THOMPSON BOAT CO. — ST. CHARLES, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 536-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
DAVID YANOCHKO (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/15/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SURFACING PROCESS, CABINET	600.00 GAL ADHESIV*	VOC	0.2000 LB/H 0.2000 T/YR	WATER-BASED ADHESIVE	BACT

NOTES --------
VOC CONTENT OF ADHESIVE IS 1.7 LB VOC/GAL ADHESIVE, MINUS H2O, AS APPLIED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: VEHCO INDUSTRIES, 10230 N. HOLLY RD, GRAND BLANC, MI 48439

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 500-87A
DETERMINATION MADE BY MICHIGAN DNR (AGENCY) GREGORY EDWARDS (AGENCY CONTACT PERSON) (517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/18/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CLADDING LINE, BASE COAT, SEE#1		VOC	5.5800	LB/GAL SOLIDS APPL, SEE#2	LAER
				THERMAL INCIN. W/HEAT RECOVERY	95.00
CLADDING LINE, CLEAR COAT, SEE#1		VOC	5.9900	LB/GAL SOLIDS APPL, SEE#2	LAER
				THERMAL INCIN. W/HEAT RECOVERY	95.00
FASCIA LINE, PRIME COAT, SEE#4		VOC	12.9100	LB/GAL SOLIDS APPL, SEE#2	LAER
			9.7600	LB/GAL SOLIDS APPL, SEE#3	
				THERMAL INCIN. W/HEAT RECOVERY	95.00
FASCIA LINE, BASE COAT, SEE#4		VOC	13.1900	LB/GAL SOLIDS APPL, SEE#2	LAER
			12.1700	LB/GAL SOLIDS APPL, SEE#3	
				THERMAL INCIN. W/HEAT RECOVERY	95.00
FASCIA LINE, CLEAR COAT, SEE#4		VOC	9.2700	LB/GAL SOLIDS APPL, SEE#2	LAER
				THERMAL INCIN. W/HEAT RECOVERY	95.00

NOTES --------
NOTE #1-CONTROL OF BOOTHS, EXCEPT TOUCH-UP BOOTHS, FLASH-OFF & BAKE OVEN. NOTE #2-24 HOUR AVERAGE. NOTE #3-30 DAY AVERAGE. NOT
E #4-CONTROL OF FINAL FLASH-OFF & BAKE OVEN FOR PRIME & BASE/CLEAR SYSTEMS, 2 LINES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS — 3135.00 T/YR

COMPANY NAME/SITE LOCATION: HOLVERINE GASKET & MFG CO. — BLACKSBURG, VA

DETERMINATION IS
PERMIT NO. 20763
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

TOM CREASY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/24/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE, #4	0.82 T/H COATING				
		VOC	54.8000 LB/H 104.1000 T/YR	AFTERBURNER	95.00
		TOL*	750.0000 LB/D	AFTERBURNER	95.00
		MET*	33.0000 LB/D	AFTERBURNER	95.00
		DII*	46.0000 LB/D	AFTERBURNER	95.00
		DIM*	22.0000 LB/D	AFTERBURNER	95.00

NOTES --------
CONSTRUCT A 3135 T/YR COATING LINE. 2082 T/YR VOC. 5% OPACITY. NAT GAS FUEL FOR COATING LINE, BOILER/PROCESS HEATER/AFTERBURNERS. AFTERBURNER TEMPERATURE TO BE MONITORED/RECORDED. TESTING REQUIRED FOR VOC AFTERBURNER EFFICIENCY.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: PETROLEUM REFINING - SEPARATION

COMPANY NAME/SITE LOCATION: MIDSUN PARTNERS, L. P. , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4184002
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/20/89
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
VENT, CASTING					
		VOC	53.3800 LB/D		BACT
				SEE NOTES	99.00

NOTES --------
VOC CONTROLS ARE REFRIGERATION/SEPERATION OF VAPORS, COMPRESSION OF NON-COMDENSIBLE GASES FOLLOWED BY INJECTION INTO UNDERGROU
ND OIL PRODUCTION ZONES. OPERATES 24H/D, 365 D/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: PETROLEUM REFINING - SEPARATION

COMPANY NAME/SITE LOCATION: SUN EXPLORATION & PRODUCTION CO. — SAN ISIDRO, TX — STARR COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18417
DETERMINATION MADE BY TEXAS ACB (AGENCY) — SAM CROWTHERS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/04/88
ESTIMATED DATE OF START-UP-- 1988
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, COMPRESSOR, 3					
		VOC	76.8000 T/YR		NOTE
		NOX	281.1000 T/YR		
		SO2	0.1800 T/YR		
		CO	153.3000 T/YR		
HEATER, AMINE REGEN.					
		VOC	0.2300 T/YR		BACT
		NOX	3.7000 T/YR		
		SO2	0.0250 T/YR		
		PM	0.1700 T/YR		
		CO	0.7300 T/YR		
HEATER, HOT OIL					
		VOC	0.2200 T/YR		BACT
		NOX	11.9000 T/YR		
		SO2	0.0400 T/YR		
		PM	0.4400 T/YR		
		CO	3.0000 T/YR		
FLARE					
		VOC	0.1300 T/YR		BACT
		NOX	2.5800 T/YR		
		SO2	14.0000 T/YR		
		PM	0.1300 T/YR		
		CO	0.5300 T/YR		
		H2S	0.1500 T/YR		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) SUN EXPLORATION & PRODUCTION CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FUGITIVES					
		VOC	12.8000 T/YR		BACT

NOTES --------
COMPRESSOR ENGINES ARE "WHITE SUPERIOR" CLEAN BURN ENGINES WITH LOW NOX EMISSIONS, NOT TO EXCEED 2 GRAMS OF NOX PER BREAK HORS EPOWER-HOUR AT MAXIMUM INSTALLED REVOLUTION PER MINUTE. EACH ENGINE IS RATED AT 2650 BHP. PSD PERMIT #PSD-TX-741
VOC LIMIT IS BASED ON BACT, NSPS, & NAAQS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE PETROLEUM REFINING - CONVERSION

COMPANY NAME/SITE LOCATION SOUTHWESTERN REFINING CO., INC. CORPUS CHRISTI, TX
NUECES COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 18338
DETERMINATION MADE BY TEXAS ACB (AGENCY) KAREN HORNE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
HEATER, ISOSTRIPPER	28.00 MMBTU/H				
		NOX	17.0000 T/YR		BACT
		HF	1.4000 T/YR		
		CO	4.0000 T/YR		
TANK					
		VOC	4.9000 T/YR		BACT
				INT. FLOAT ROOF	
FLARE					
		VOC	4.9000 T/YR		BACT
					99.00
FUGITIVES					
		VOC	12.0000 T/YR		BACT

NOTES --------
HF = HYDROGEN FLUORIDE, A TOXIC COMPOUND.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: PETROLEUM REFINING - TREATING — 30000.00 BPD

COMPANY NAME/SITE LOCATION: MARATHON PETROLEUM CO. — GARYVILLE, LA, ST. JOHN THE BAPTIST PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PSD-LA-548
DETERMINATION MADE BY LOUISIANA DEQ (AGENCY)
ADDISON TATUM (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/16/89
ESTIMATED DATE OF START-UP-- 1989
(504)-342-0107 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OXIDIZER, THERMAL, 2	52.40 MMBTU/H				
		NOX	5.2000 LB/H		BACT
		SO2	43.0000 LB/H	SULFUR RECOVERY/GAS FIRING	BACT
		PM	0.3000 LB/H	GAS FIRING	BACT
HEATER, DEASPHALTING UNIT	150.00 MMBTU/H				
		NOX	45.0000 LB/H	LOW NOX BURNERS	BACT
		SO2	112.8000 LB/H	LOW S FUEL OIL	BACT
		PM	10.3000 LB/H	LOW S FUEL OIL	BACT
HEATER, HYDROCRACKER FEED	55.00 MMBTU/H				
		NOX	16.5000 LB/H	LOW NOX BURNERS	BACT
		SO2	41.4000 LB/H	LOW S FUEL OIL	BACT
		PM	3.8000 LB/H	LOW S FUEL OIL	BACT
HEATER, HYDROCRACKER HYDROGEN	25.00 MMBTU/H				
		NOX	7.5000 LB/H	LOW NOX BURNERS	BACT
		SO2	18.8000 LB/H	LOW S FUEL OIL	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	1.7000 LB/H	LOW S FUEL OIL	BACT
HEATER, HYDROCRACKER PROCESS, 2	20.00 MMBTU/H				
		NO2	6.0000 LB/H	LOW NOX BURNERS	BACT
		SO2	15.1000 LB/H	LOW S FUEL OIL	BACT
		PM	1.4000 LB/H	LOW S FUEL OIL	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: PETROLEUM REFINING - AUXILIARY — 448.00 T/D

COMPANY NAME/SITE LOCATION: CITGO PETROLEUM CORP. — LAKE CHARLES, LA — CALCASIEU PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PSD-LA-545
DETERMINATION MADE BY LOUISIANA DEQ (AGENCY) — ADDISON TATUM (AGENCY CONTACT PERSON) — (504)-342-0107 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/18/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TREATING UNIT, TAILGAS	1.30 MMDSCF/H				
		H2S	10.0000 PPMV	SULFTEN PROCESS	NSPS
		RSC	300.0000 PPMV	SULFTEN PROCESS	BACT

NOTES --------
SULFTEN PROCESS, REDUCTIVE TYPE, AMINE-BASED TREATMENT FOR H2S CONTROL, COS & CS2 UNCONTROLLED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON CO., USA , AL
MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4011-X001
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/08/88
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECOVERY SYSTEM, SULFUR	455.00 LONG T/D				
		SO2	373.0000 LB/H		BACT
				CLAUS S RECOVERY UNIT W/AGE UNIT & SCOT TAIL GAS UNIT	99.70
		NOX	9.4000 LB/H	DESIGN & OPERATION	BACT
		CO	9.8000 LB/H	DESIGN & OPERATION	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/14/1989

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON CO., USA , AL
MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4011-X002
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/08/88
ESTIMATED DATE OF START-UP-- 1991
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	173.00 MMBTU/H				
		CO	35.3000 LB/H	COMBUST. MODIFICATION	BACT
		NOX	34.6000 LB/H	COMBUST. MODIFICATION	BACT
		SO2	9.1000 LB/H	COMBUST. MODIFICATION	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON CO., USA , AL MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4011-X003
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/08/88
ESTIMATED DATE OF START-UP-- 1991
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	173.00 MMBTU/H				
		CO	35.3000 LB/H	COMBUST. MODIFICATION	BACT
		NOX	34.6000 LB/H	COMBUST. MODIFICATION	BACT
		SO2	9.1000 LB/H	COMBUST. MODIFICATION	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON CO., USA , AL MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4011-X004
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE [illegible]PATSON (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/08/88
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	173.00 MMBTU/H				
		CO	35.3000 LB/H	COMBUST. MODIFICATION	BACT
		NOX	34.6000 LB/H	COMBUST. MODIFICATION	BACT
		SO2	9.1000 LB/H	COMBUST. MODIFICATION	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON CO., USA , AL MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4011-X005
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/08/88
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	173.00 MMBTU/H				
		CO	35.3000 LB/H	COMBUST. MODIFICATION	BACT
		NOX	34.6000 LB/H	COMBUST. MODIFICATION	BACT
		SO2	9.1000 LB/H	COMBUST. MODIFICATION	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON CO., USA , AL
MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4011-X006
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/08/88
ESTIMATED DATE OF START-UP-- 1991
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	3120.00 KW				
		CO	5.0000 LB/H	COMBUST. MODIFICATION	BACT
		NOX	0.0150 PPM	COMBUST. MODIFICATION	BACT
		SO2	1.2000 LB/H	COMBUSTION MODIFICATION	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON CO., USA , AL
MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4011-X007
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/08/88
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	3120.00 KH				
		CO	5.0000 LB/H	COMBUST. MODIFICATION	BACT
		NOX	0.0150 PPM	COMBUST. MODIFICATION	BACT
		SO2	1.2000 LB/H	COMBUSTION MODIFICATION	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON CO., USA , AL
MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4011-X008
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/08/88
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	3120.00 KW				
		CO	5.0000 LB/H	COMBUST. MODIFICATION	BACT
		NOX	0.0150 PPM	COMBUST. MODIFICATION	BACT
		SO2	1.2000 LB/H	COMBUSTION MODIFICATION	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: EXXON SAN JOAQUIN PRODUCTION CO. , CA

DETERMINATION IS
PERMIT NO. 2066012-015
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/25/88
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 4 EA	525.00 HP			
		NOX	27.8400 LB/D	
			1.0000 G/BHP-H	
			3 WAY NON-SELECTIVE CATALYST	
			AIR/FUEL RATIO CONTROLLER	

NOTES --------
AIR/FUEL RATIO CONTROLLER & THREE WAY CATALYST MUST BE IN OPERATION AT ALL TIMES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION: GETTY OIL CO. , AL
MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-4004-X010 & X009
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
S'E RUBERTSON (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/28/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, COMPRESSOR	2700.00 HP				
		CO	1.6000 G/HP-H	TURBOCHARGER/PRECOMBUSTION CHAMBER	BACT
		NOX	3.0000 G/HP-H	TURBOCHARGER/PRECOMBUSTION CHAMBER	BACT
		VOC	1.5000 G/HP-H	TURBOCHARGER/PRECOMBUSTION CHAMBER	BACT
ENGINE, COMPRESSOR	2600.00 HP				
		CO	2.2000 G/HP-H	TURBOCHARGER/PRECOMBUSTION CHAMBER	BACT
		NOX	2.2000 G/HP-H	TURBOCHARGER/PRECOMBUSTION CHAMBER	BACT
		VOC	1.2000 G/HP-H	TURBOCHARGER/PRECOMBUSTION CHAMBER	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: NATURAL GAS/GASOLINE PROCESSING PLANTS — 137.00 MMSCFD

COMPANY NAME/SITE LOCATION: MARATHON OIL CO. — CARLSBAD, NM — EDDY COUNTY

DETERMINATION IS
PERMIT NO. PSD-NM-295-M-2
DETERMINATION MADE BY NEW MEXICO AQB (AGENCY)
BRUCE NICHOLSON (AGENCY CONTACT PERSON)
(505)-827-0070 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/19/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECOVERY UNIT, SULFUR	137.00 MMSCFD	SO2	1460.0000 T/YR		SIP 93.00
TURBINE, GE, GAS FIRED, 2 EA	6000.00 HP	NOX	153.0000 T/YR EA		NSPS

NOTES --------
NOX EMISSIONS FOR THE FIRST TURBINE ARE BASED ON 40 CFR 60, SUBPART GG. SECOND TURBINE WILL UNDERGO REVISED BACT IN 1992.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION MOBILE OIL EXPLORATION , AL
MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-0014-X004
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/11/88
ESTIMATED DATE OF START-UP-- 1988
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECOVERY UNIT, SULFUR	250.00 LONG T/D	SO2	450.0000 LB/H	3 STAGE CLAUS S RECOVERY PLANT W/SCOT TAILGAS UNIT	BACT 99.70

NOTES --------
MODIFICATION TO PRIOR BACT DETERMINATION. BACT NOW BASED ON PERCENTAGE H2S IN ACID GAS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE NATURAL GAS/GASOLINE PROCESSING PLANTS

COMPANY NAME/SITE LOCATION MOBILE OIL EXPLORATION , AL
MOBILE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-0014-X005
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/11/88
ESTIMATED DATE OF START-UP-- 1991
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECOVERY UNIT, SULFUR	550.00 LONG T/D				
		SO2	1118.0000 LB/H		BACT
				3 STAGE CLAUS S RECOVERY PLANT W/SCOT TAILGAS UNIT	99.70

NOTES --------
MODIFICATION TO PRIOR BACT DETERMINATION. BACT NOW BASED ON PERCENTAGE H2S IN ACID GAS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING 350.00 T/H

COMPANY NAME/SITE LOCATION MEGA CONSTRUCTORS, INC. , VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 61067
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY) JACK SCHUBERT (AGENCY CONTACT PERSON) (804)-786-0172 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/15/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, DRUM-MIX ASPHALT	350.00 T/H				
		PM	0.0400 LB/H 1.3000 T/YR	BAGHOUSE	
		SO2	24.4000 LB/H 10.4000 T/YR		99.90
		VOC	11.8000 LB/H 5.0000 T/YR	STACK TEST	
		NO2	15.1000 LB/H 6.5000 T/YR	STACK TEST	
		CO	16.0000 LB/H 6.8000 T/YR	STACK TEST	
MATL HANDLING, AGGREGATE STONE		PM		WET SUPPRESSION	

NOTES --------
CONSTRUCT A BITUMINOUS CONCRETE PLANT. BAGHOUSE VISIBLE EMISSIONS ARE LIMITED TO 5% OPACITY. NSPS REQUIREMENTS OF 40 CFR 60.90 - 60.93 APPLY. WET SUPPRESSION VISIBLE EMISSIONS ARE LIMITED TO 20% OPACITY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) — 3.00 MMSCFD

COMPANY NAME/SITE LOCATION: PRESTON NORTHERN, INC. — EVART TOWNSHIP, MI — OSCEOLA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 412-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GEOFFREY RICHARDSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/17/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLARE, RELIEF	0.13 T/YR	SO2	0.1300 T/YR		B/N 97.77
FLARE, PROCESS	4834.38 T/YR	SO2	58.5800 T/YR - H2S EMITTED SEE NOTE #1		97.77
INCINERATOR	144.73 T/YR	SO2	0.3500 T/YR - H2S EMITTED		99.66
FACILITY, SWEETENING, NOTE#2	3.00 MMCSFD	SO2	44.5000 LB/H 194.8000 T/YR	MODIFIED 3 STAGE CLAUS CATALYST	B/N 98.79

NOTES --------
PROCESS FLARE - ONLY USED FOR A FAILURE, THEREFORE, GAS FROM WELL TO FLARE WHEN ALL OTHER SYSTEMS FAIL / CLAUS FAILURE, ONLY U
SED FOR SHUT DOWN OVER A FIVE MINUTE PERIOD / START UP.
NOTE#1 - USED ONLY IN A FAILURE MODE. NOTE#2 - NSPS SUBPART LLL APPLIES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE ACRYLONITRILE PLANT

COMPANY NAME/SITE LOCATION STERLING CHEMICALS, INC. TEXAS CITY, TX GALVESTON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 1272A
DETERMINATION MADE BY TEXAS ACB (AGENCY) KAREN HORNE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/15/88
ESTIMATED DATE OF START-UP-- 1989
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLARE, PROCESS		AN	5.8000 T/YR	B/N 98.00
SCRUBBER, HOTWELL		AN	0.0700 T/YR	B/N 95.00
SCRUBBER, SUMP TANK		AN	0.0400 T/YR	B/N 95.00
SCRUBBER, ORGANIC TANK		AN	0.0100 T/YR	B/N 95.00
SCRUBBER, WASTE TREATMENT		AN	0.4100 T/YR	B/N 95.00
SCRUBBER, SLOP TANK		AN	0.0900 T/YR	B/N 95.00
SCRUBBER, WATER TREATMENT		AN	0.2400 T/YR	B/N 95.00
VENTS B &C, START-UP		AN	0.1600 T/YR	B/N
BOILER, #A, WASTE INCIN				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		VOC	13.7000 T/YR		B/N 99.90
		NOX	343.0000 T/YR		
		CO	81.0000 T/YR		
		HCN	2.0000 T/YR		
		AN	0.0500 T/YR		
		NH3	73.6000 T/YR		
INCINERATOR DOCK					
		NOX	1.2000 T/YR		B/N 99.90
		AN	0.0400 T/YR		
TANK, 8					
		AN	5.9000 T/YR	INTERNAL FLOAT ROOF & DOUBLE SEALS	B/N
FUGITIVES					
TANK, CRUDE AN, 2		AN	6.2000 T/YR		B/N
		AN	0.2000 T/YR	WATER SCRUBBER	B/N 95.00

NOTES --------
AN=ACRYLONITRILE

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/14/1989

SOURCE TYPE/SIZE: CARBON BLACK

COMPANY NAME/SITE LOCATION: J.H. HUBER CORP. BAYTOWN, TX HARRIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 16987
DETERMINATION MADE BY TEXAS ACB (AGENCY) JAMES CROCKER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/05/87
ESTIMATED DATE OF START-UP-- 1988
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
REACTOR					
		VOC	25.0000 T/YR	INCINERATOR	BACT 98.00
		NOX	5.1000 T/YR		
		SO2	627.0000 T/YR	SCRUBBER	BACT 90.00
		PM	12.7000 T/YR		
		CO	889.0000 T/YR	INCINERATOR	BACT 98.00
		H2S	2.8000 T/YR	SCRUBBER	BACT 70.00

NOTES --------
THE CARBON REACTOR UNIT TAIL GAS IS FIRST SCRUBBED & THEN INCINERATED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE — ETHYLENE DICHLORIDE

COMPANY NAME/SITE LOCATION — OCCIDENTIAL CHEMICAL CORP — DEER PARK, TX — HARRIS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 4943A
DETERMINATION MADE BY TEXAS ACB (AGENCY) — KAREN HORNE (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/14/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TANK, STORMWATER		VOC	0.0100 T/YR		BACT
SEWER		VOC	0.0100 T/YR		BACT
DECOKE DRUM, 2		VOC	0.6000 T/YR		BACT
		CO	5.2000 T/YR		
SCRUBBER, EMERGENCY		VOC	6.5000 T/YR		BACT
		VC	0.1200 T/YR		
		HCL	1.7000 T/YR		
TANK, HCL NEUTRALIZER		HCL	0.0700 T/YR		B/H
				SCRUBBER	98.00
TANK, HCL		HCL	0.0100 T/YR		B/H
				SCRUBBER	98.00
LOADING, RACK HEAVY ENDS		VOC	0.9000 T/YR		B/H
FUGITIVES, VC PLANT		VOC	22.8000 T/YR		B/H
		VC	1.4000 T/YR		
		HCL	0.5000 T/YR		
		CL2	0.2400 T/YR		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FUGITIVES, CL2 TANK					
		CL2	0.7800 T/YR		B/H
INCINERATOR, 2					
		CL2	35.0000 T/YR		B/H 99.90
		VOC	0.0800 T/YR		
		NOX	8.8000 T/YR		
		PM	2.2000 T/YR		
		CO	4.2000 T/YR		
		HCL	13.2000 T/YR		
FURNACE, CRACKING					
		NOX	128.4000 T/YR		B/H
		CO	116.6000 T/YR		B/H

NOTES --------
CL2 = CHLORINE

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE: ETHYLENE OXIDE

COMPANY NAME/SITE LOCATION: STERILIZATION DYNAMICS, INC. , MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 120-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DANITA BRANDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/25/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STERILIZER/CONTAINMENT ROOM				
		ETH*	0.1250 MG/CU M GAS/SOLID REACTANT BED	BACT 99.90

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: ETHYLBENZENE/STYRENE — 1500.00 MMLB/YR

COMPANY NAME/SITE LOCATION: CHEVRON CHEMICALS, P.O. BOX 78 — ST. JAMES, LA — ST. JAMES PARISH

DETERMINATION IS BACT
PERMIT NO. 2560-00007-00
DETERMINATION MADE BY LOUISIANA DEQ (AGENCY)
CARL OSTERTHALER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/23/89
ESTIMATED DATE OF START-UP-- 1990
(504)-342-8942 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, GAS FIRED, 3 EA	543.00 MMBTU/H				
		PM	0.0130 LB/MMBTU		BACT
		NOX	0.1000 LB/MMBTU	LOW NOX BURNERS	BACT
		CO	0.0520 LB/MMBTU		BACT
BOILER, GAS FIRED	303.00 MMBTU/H				
		PM	0.0070 LB/MMBTU		BACT
		NOX	0.1100 LB/MMBTU	LOW NOX BURNER	BACT
		CO	0.0540 LB/MMBTU		BACT
BOILER, GAS FIRED	370.40 MMBTU/H				
		PM	0.0080 LB/MMBTU		NSPS
		NOX	0.1000 LB/MMBTU	LOW NOX BURNER, CEM	NSPS
		CO	0.0600 LB/MMBTU	CEM O2	NSPS
HEATER, EB, GAS FIRED	199.80 MMBTU/H				
		PM	0.0080 LB/MMBTU		BACT
		NOX	0.1000 LB/MMBTU	LOW NOX BURNER	BACT
		CO	0.0600 LB/MMBTU		BACT
SUPERHEATER, STEAM, GAS FIRED	256.00 MMBTU/H				
		PM	0.0080 LB/MMBTU		BACT
		NOX	0.1000 LB/MMBTU	LOW NOX BURNER	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
REGENERATOR, CATALYTIC, GAS FIR*	17.40 MMBTU/H	CO	0.0600 LB/MMBTU	BACT
		PM	0.0080 LB/MMBTU	BACT
		NOX	0.1000 LB/MMBTU	BACT
			LOW NOX BURNER	BACT
FLARE, GAS FIRED	0.60 MMBTU/H	CO	0.0520 LB/MMBTU	BACT
		PM	0.0050 LB/MMBTU	BACT
		NOX	0.1000 LB/MMBTU	BACT
			LOW NOX BURNER	BACT
HOTWELL	12.60 MSCFH	CO	0.0200 LB/MMBTU	BACT
		CO	0.0280 LB/MMBTU	BACT
			PACKED ADSORPTION TOWER	98.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE FORMALDEHYDE

COMPANY NAME/SITE LOCATION SPURLOCK CO. , VA
SUSSEX COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 50391
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
(804)-786-1433 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/28/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MATL PROCESS	20.00 GAL/H				
		FOR*	0.3400 LB/H		
			1.1800 T/YR		
				WET SUPPRESSION	99.99
		MET*	0.0600 LB/H		
			0.2200 T/YR		
				WET SUPPRESSION	99.99

NOTES --------
CONSTRUCTION OF A FORMALDEHYDE & UREA/FORMALDEHYDE, U/P, RESIN PLANT. PROCESS EMISSIONS ARE FROM PLANT OPERATION, WORKING LOSSES OF STORAGE TANKS, & FUGITIVE LOSSES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE MALEIC ANHYDRIDE 180.00 LB/H

COMPANY NAME/SITE LOCATION PITTSYLVANIA COUNTY , VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30242
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/06/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POLYMER MFG, DP-100/2500	180.00 LB/H				
		PM/*	0.0100 LB/H		
			0.4000 T/YR		
				PERMIT LIMITS	
		VOC	16.8000 LB/H		
			60.2000 T/YR		
				PERMIT LIMITS	
		MAL*	1.7300 LB/D		
				WET SCRUBBER	

NOTES --------
MODIFY A PRODUCTION PROCESS FOR TWO NEW POLYMERS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: MALEIC ANHYDRIDE

COMPANY NAME/SITE LOCATION: STANDARD OIL CHEMICAL CO. PORT LAVACA, TX CALHOUN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 18046
DETERMINATION MADE BY TEXAS ACB (AGENCY) SAM CROWTHER (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/14/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
HEATER, START-UP					
		VOC	0.0100 T/YR		BACT
		NOX	0.1300 T/YR		
		SO2	0.0001 T/YR		
		PM	0.0080 T/YR		
		CO	0.0200 T/YR		
REACTOR					
		VOC	26.3000 T/YR		BACT
				INCINERATOR	99.60
		NOX	219.0000 T/YR		
		SO2	19.7000 T/YR		BACT
				INCINERATOR	
		PM	4.4000 T/YR		
		CO	575.6000 T/YR		
FUGITIVES					
		VOC	0.0700 T/YR		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: PHARMACEUTICAL

COMPANY NAME/SITE LOCATION: MERRELL DOW PHARMACEUTICALS — CINCINNATI, OH 45215

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1554
DETERMINATION MADE BY SOUTHWESTERN OHIO APCA (AGENCY)
JIM SADELFELD (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRODUCTION FAC., DRY PRODUCTS, *	720.00 LB/H	PM	1.1500 LB/H ROTOCLONES W/FABRIC FILTERS	BACT 95.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: PHARMACEUTICAL

COMPANY NAME/SITE LOCATION: WYCKOFF CHEMICALS CO., INC. — SOUTH HAVEN, MI

DETERMINATION IS BACT
PERMIT NO. 646-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/06/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7080 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PROCESS EQUIP., SEE NOTES	1500.00 LB/D SOLVENT	VOC	3.0000 LB/H	CAUSTIC SCRUBBER/DEMISTER CARBON ADSORPTION SYSTEM	BACT 95.00

NOTES --------
CONTINUOUS EMISSION MONITORING SYSTEM FOR VOC AT THE OUTLET OF CARBON ADSORPTION SYSTEM IS REQUIRED. PROCESS EQUIPMENT INCLUDE S REACTOR/CONDENSERS, CENTRIFUGES, DRYERS, & WASTEWATER TREATMENT SYSTEM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SULFUR RECOVERY — 93.00 LT/D

COMPANY NAME/SITE LOCATION: ENRON GAS PROCESSING CO. , ND
MCKENZIE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NORTH DAKOTA SHD (AGENCY) — JIM SEMERAD (AGENCY CONTACT PERSON) — (701)-224-2348 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/07/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECOVERY PLANT, SULFUR	25.00 MMSCF/D				
		SO2	140.0000 LB/H		B/N
			96.4000 % REDUCTION AT STACK		
				CLAUS CBA	98.60

NOTES --------
NATURAL GAS PROCESSING PLANT WITH AN INLET CAPACITY OF 25 MMSCFD & SULFUR RECOVERY PLANT OF 93 LTPD SULFUR. NSPS REQUIRES AN S O2 EMISSIONS REDUCTION OF 97.9% DURING THE INITIAL PERFORMANCE TEST & A 96.4% REDUCTION THEREAFTER.
FACILITY NOT BUILT TO DATE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: SULFUR RECOVERY — 181.00 LT/D

COMPANY NAME/SITE LOCATION: KOCH HYDROCARBON CO. , ND — MAKENZIE COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 083005
DETERMINATION MADE BY NORTH DAKOTA SHD (AGENCY)
GARY HELBING (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/12/86
ESTIMATED DATE OF START-UP-- 1987
(701)-224-2348 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECOVERY UNIT, SULFUR	51.00 MMSCF/D				
		SO2	273.0000 LB/H		B/N
			97.1300 % REDUCTION AT STACK	CLAUS CBA	99.20

NOTES --------
NATURAL GAS PROCESSING PLANT EXPANSION WITH AN INLET CAPACITY OF 51 MMSCFD & SULFUR RECOVERY PLANT OF 181 LTPD SULFUR. NSPS REQUIRED AN SO2 EMISSIONS REDUCTION OF 98.37% DURING THE INITIAL PERFORMANCE TEST & A 97.13% REDUCTION THEREAFTER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE VINYL CHLORIDE/POLYVINYL CHLORIDE 1400.00 MMLB/YR

COMPANY NAME/SITE LOCATION OCCIDENTAL CHEMICAL CORP. PASADENA, TX HARRIS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 18384
DETERMINATION MADE BY TEXAS ACB (AGENCY) AMBA MANN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/14/88
ESTIMATED DATE OF START-UP-- 1990
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
HOPPER, SURGE, 2 EA					
FUGITIVE		PM	0.6000 T/YR		
INCINERATOR		VC	1.3000 T/YR		BACT
		VC	0.1000 T/YR		B/H
DRYER, 6 EA		HCL	0.0400 T/YR	SCRUBBER	B/H 99.90
		VOC	79.4000 T/YR		
		PM	21.5000 T/YR		B/H
REACTOR, 2 EA		VC	91.2000 T/YR	CYCLONES	99.99
CYCLONE, 2 EA		VOC	0.3000 T/YR		
		VC	0.3000 T/YR		B/H
BAGHOUSE, 2 EA		PM	0.9000 T/YR		BACT 99.00
		PM	1.6000 T/YR		BACT 99.90

NOTES --------
HCL=HYDROGEN CHLORIDE. INCINERATOR/SCRUBBER COMBINE EFFICIENCY IS 99.9%.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER TX-0215

SOURCE TYPE CODE 6.59

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: CHEM-TREND. INC. , MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 550-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7080 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PROCESS VAT, FILLING/PURGING	6500.00 GAL				
		MET*	0.8300 LB/H		BACT
				PRESSURE/CONDENSATION VAPOR RECOVERY SYSTEM	80.00
TANK, STORAGE	10000.00 GAL				
		MET*		ZERO EMISSIONS	BACT
				VAPOR BALANCE SYSTEM	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: CHEMICAL RECLAMATION SERVICES, INC. — AVALON, TX — ELLIS COUNTY

DETERMINATION IS
PERMIT NO. 9607
DETERMINATION MADE BY TEXAS ACB (AGENCY) — KAREN HORNE (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/10/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INSPECTION, DRUM, NON-HALOGEN P*		VOC	0.1300 T/YR		BACT
TANK, NON HALOGEN PROC, 5		VOC	0.1117 T/YR	CARBON ADSORBER	BACT
PUMP, VACUUM, NON-HALOGEN PROC,*		VOC	0.0700 T/YR	CONDENSER/CARBON ADSORBER	BACT
CLEANING, FILTER, NON-HALOGEN P*		VOC	0.0100 T/YR		BACT
FUGITIVES, NON-HALOGEN PROC		VOC	5.5000 T/YR		BACT
BOILER, 2		VOC	1.9300 T/YR		BACT
		NOX	55.2000 T/YR		
		SO2	17.6000 T/YR		
		PM	0.1300 T/YR		
		CO	37.7300 T/YR		
		HCL	1.2000 T/YR		
INSPECTION, DRUM, HALOGEN PROC		VOC	0.4000 T/YR		BACT
CLEANING, FILTER, HALOGEN PROC		VOC	0.0400 T/YR		BACT
TANK, HALOGEN PROC, 4					

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) CHEMICAL RECLAMATION SERVICES, INC.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		VOC	0.5360 T/YR	CARBON ADSORBER	BACT
PUMP, VACUUM, HALOGEN PROC					
		VOC	0.0600 T/YR	CONDENSER/CARBON ADSORBER	BACT
FUGITIVES, HALOGEN PROC					
		VOC	3.7000 T/YR		BACT

NOTES --------
FEED MATERIAL CONTAINS TOXIC HALOGENATED CARBON COMPOUNDS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: CHEVRON CHEMICAL CO. — KENNEWICK, WA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 88-2
DETERMINATION MADE BY WASHINGTON DOE (AGENCY)
JOHN DRABEK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/01/88
ESTIMATED DATE OF START-UP-- 1988
(206)-867-7106 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT		VOC	228.0000 T/YR		BACT
SPHERODIZER	CONFIDENTIAL				
		VOC			BACT
				AUTOMATIC PH TRIM CONTROL SYSTEM	13.00
				PROPER OPERATION	
		PM	0.0300 GR/DSCF		BACT
				BAGHOUSE	99.00
COATING AGENT	CONFIDENTIAL				
		PM	0.0050 GR/DSCF		BACT
				BAGHOUSE	99.00
FORMULATION SECTION	CONFIDENTIAL				
		VOC			BACT
				DOLOMITE LIME & MAGNESIUM OXIDE SCRUBBER	75.00
SCRUBBER, #1					
		PM	0.0490 GR/DSCF		BACT
				BAGHOUSE	99.00
SCRUBBER, #2					
		PM	0.0130 GR/DSCF		BACT
				BAGHOUSE	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: CIBA-GEIGY CORP. MCINTOSH, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 108-0003-X064
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
KEN BARRETT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/07/88
ESTIMATED DATE OF START-UP-- 1990
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLARE, RESIN PROD. UNIT	76.40 MMLB/YR				
		VOC	0.9700 LB/H		BACT
				SMOKELESS FLARE	98.00
LDRP, RESIN PROD. UNIT	76.40 MMLB/YR				
		VOC	28.0000 LB/H		BACT
				LDRP	95.00

NOTES --------
THE ABOVE RATES ARE ESTIMATED EMISSIONS ONLY. NO LIMITS WERE ESTABLISHED FOR VOC EMISSIONS FROM THE FLARE & LEAK DETECTION & REPAIR PROGRAM, LDRP.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: CIBA-GEIGY CORP. — MCINTOSH, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 108-0003-X065
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
KEN BARRETT (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/07/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLARE, ADDITIVES PROD. UNIT	9.11 MMLB/YR	VOC	0.8500 LB/H	SMOKELESS FLARE	BACT 98.00
LDRP, ADDITIVE PROD. UNIT	9.11 MMLB/YR	VOC	16.5200 LB/H	LDRP	BACT 95.00

NOTES --------
THE ABOVE RATES ARE ESTIMATED EMISSIONS ONLY. NO LIMITS WERE ESTABLISHED FOR VOC EMISSIONS FROM THE FLARE & LEAK DETECTION & REPAIR PROGRAM, LDRP.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: DOW CORNING — MIDLAND, MI

DETERMINATION IS BACT
PERMIT NO. 713-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
CHRIS STOCK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/06/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
REACTOR/DISTILLATION COLUMNS	30.00 GAL/H				
		VOC	0.0100 LB/H	CONDENSER/SCRUBBER	99.90
		HCL	0.0300 LB/H	CONDENSER/SCRUBBER	99.90

NOTES --------
CONDENSER TEMPERATURE -20F TO -105F.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER CHEMICAL

COMPANY NAME/SITE LOCATION ETHLY CORP. PASADENA, TX HARRIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18114
DETERMINATION MADE BY TEXAS ACB (AGENCY)
AMBA MANN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/23/87
ESTIMATED DATE OF START-UP-- 1988
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRUM		CO	2.5000 T/YR		BACT
REACTOR		VOC	0.0060 T/YR	SCRUBBER	BACT
		MA	0.0053 T/YR		
TANK, 9		VOC	0.0741 T/YR		BACT
LOAD SPOT		VOC	0.0120 T/YR		BACT
FUGITIVE		VOC	1.1560 T/YR	MONITOR/MAINTENANCE PROGRAM	BACT

NOTES --------
MA=MALEIC ANHYDRIDE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: EXXON CHEMICAL AMERICAS , TX

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18290
DETERMINATION MADE BY TEXAS ACB (AGENCY) AMBA MANN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/04/88
ESTIMATED DATE OF START-UP-- 1989
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
EXTRUDER	CONFIDENTIAL				
		VOC	4.5000 T/YR		B/N
		PM	8.9000 T/YR	BAG FILTER, CYCLONE	
COOLING TOWER, 3					
		VOC	0.7000 T/YR		B/N
DRUM VENT					
		VOC	5.0000 T/YR		B/N
FLARE					
		VOC	16.2000 T/YR		BACT 98.00
FUGITIVE					
		VOC	9.8000 T/YR		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER CHEMICAL

COMPANY NAME/SITE LOCATION HERCULES INC. LA PORTE, TX HARRIS COUNTY

DETERMINATION IS
PERMIT NO. 17935
DETERMINATION MADE BY TEXAS ACB (AGENCY)

AMBA MANN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/11/87
ESTIMATED DATE OF START-UP-- 1988
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER		VOC	0.0040 T/YR	CARBON ADSORBERS	BACT
MATL PREP., SOLUTION		VOC	0.0300 T/YR	CARBON ADSORBERS	BACT
MATL STORAGE, SOLUTION		VOC	0.0220 T/YR	CARBON ADSORBERS	BACT
MATL SHIPPING, PRODUCT		VOC	0.0070 T/YR	CARBON ADSORBERS	BACT
NEUTRALIZER		VOC	0.0800 T/YR	CARBON ADSORBERS	BACT
STABILIZER MAKE-UP		VOC	0.0020 T/YR	CARBON ADSORBERS	BACT
FUGITIVE EMIS		VOC	0.0500 T/YR	MONITORING & MAINTENANCE PROGRAM	BACT

NOTES --------
GRANULAR ACTIVATED CARBON ADSORBERS ARE USED FOR THE REMOVAL OF VOC.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: HILTON DAVIS CO.
2235 LANGDON FARM RD. CINCINNATI, OH 45237

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 05-2505
DETERMINATION MADE BY SOUTHWESTERN OHIO APCA (AGENCY)
FRANK STOY (AGENCY CONTACT PERSON)
(513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/22/87
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WATER SYSTEM, WASTEWATER TANK	4.50 MMGAL/D				
		VOC	17.8000 T/YR		BACT
				THERMAL INCINERATOR	95.00
				COVERS	

NOTES --------
PERMITTED AS WASTEWATER TREATMENT SYSTEM. TOTAL SURFACE AREA IS 5292 SQUARE FEET.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER CHEMICAL

COMPANY NAME/SITE LOCATION M & T CHEMICAL AXIS, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-5017-X021
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
KENNETH BARRETT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/18/88
ESTIMATED DATE OF START-UP-- 1989
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, NO. 2	30.00 MMLB/YR				
		VOC	3.6600 LB/H		BACT
		PM	5.9400 LB/H		BACT
				BAGHOUSES	99.90

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: M & T CHEMICAL — AXIS, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-5017-X023
DETERMINATION MADE BY ALABAMA DEM (AGENCY)

KENNETH BARRETT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/18/88
ESTIMATED DATE OF START-UP-- 1989
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER/CONVEYOR/MILL, LATEX POLY*	21.00 MMLB/YR				
		PM	4.4600 LB/H		BACT
				CYCLONE/BAGHOUSE	99.00
		VOC	2.4800 LB/H		BACT
				LEAK DETECTION & REPAIR PROGRAM	90.00
VENTILATION SYSTEM					
		PM	0.1800 LB/H		BACT
				BAGHOUSE	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: PERSTORP POLYOLS — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-479
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY) — DALE KRYGIELSKI (AGENCY CONTACT PERSON) — (419)-693-0350 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/24/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
IMP & FORMATE	CONFIDENTIAL				
		VOC	0.5000 LB/H		B/N
				CATALYTIC INCINERATOR	98.00
				LEAK DETECTION PROGRAM	
BAGGING, FORMATE	CONFIDENTIAL				
		PM	0.2400 LB/H		BACT
				WET SCRUBBER	98.00
TANK, FORMIC ACID	CONFIDENTIAL				
		ACID	0.1500 T/YR		NSPS
				SUB. FILLING	
TANK, SODIUM HYDR.	CONFIDENTIAL				
		NONE			BACT
TANK, BUTYRALDEHYDE	CONFIDENTIAL				
		B-A*		NIL	NSPS
				SUB FILL/VAPOR BALANCE	
TANK, FORMALDEHYDE	CONFIDENTIAL				
		FOR*		INCLUDED W/PROCESS	BACT
				SUB FILL/VENT TO INCINERATOR	98.00
TANK, CONDENSATION	CONFIDENTIAL				
		VOC		INCLUDED W/PROCESS	NSPS
				CATALYTIC INCINERATOR	98.00
				SUB FILL	
TANK, WATER/FORMALDEHYDE	CONFIDENTIAL				
		VOC		INCLUDED W/PROCESS	NSPS
				CATALYTIC INCINERATOR	98.00
				SUB FILL	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) PERSTORP POLYOLS

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TANK, SODIUM HYDROXIDE	CONFIDENTIAL	NONE		BACT
TANK, BUTYRALDEHYDE	CONFIDENTIAL	VOC	NIL SUB FILL/PRESSURIZED TANK	BACT
TANK, IMP, 2	CONFIDENTIAL	VOC	NIL GLYCERINE SEAL	NSPS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: PERSTORP POLYOLS — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-487
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/01/89
ESTIMATED DATE OF START-UP-- 1991
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PROCESS, FORMALDEHYDE	CONFIDENTIAL				
		VOC	5.9000 LB/H		NSPS
				CATYLIC INCINERATOR	98.00
				LEAK DETECTION PROGRAM	
		CO	5.0000 LB/H		BACT
				CATYLIC INCINERATOR	98.00
TANK, METHANOL, 2	CONFIDENTIAL				
		VOC	1.0000 T/YR EA		NSPS
				INTERNAL FLOAT/2 SEALS	
TANK, FORMALDEHYDE, 3	CONFIDENTIAL				
		VOC		NIL	NSPS
				SUB FILL/VAPOR BALANCE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: TEXACO REFINING & MARKETING, INC. — PORT ARTHUR, TX — JEFFERSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18319
DETERMINATION MADE BY TEXAS ACB (AGENCY)
KAREN HORNE (AGENCY CONTACT PERSON)
(512)-451-5711 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/06/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
TANK, FRESH H2SO4, 2		H2S*	0.0800 T/YR	B/N
TANK, SPENT H2SO4, 2		VOC	0.2000 T/YR	B/N
		H2S*	0.0800 T/YR	
TANK, CAUSTIC		VOC	0.0100 T/YR	B/N
FUGITIVES		VOC	69.3000 T/YR	B/N

NOTES --------
H2SO4 = SULFURIC ACID. ALL WASTE GAS STREAMS CONTAINING H2SO4 ARE ROUTED TO A CAUSTIC SCRUBBER WITH 99% ACID REMOVAL EFFICIENCY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER CHEMICAL

COMPANY NAME/SITE LOCATION TEXAS EASTMAN CO. LONGVIEW, TX

HARRISON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 18104
DETERMINATION MADE BY TEXAS ACB (AGENCY)

KAREN HORNE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/26/87
ESTIMATED DATE OF START-UP-- 1987
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OXIDIZER, 3					
		VOC	4.8000 T/YR	SCRUBBER	BACT 90.00
PELLETIZER, 2		ACID	2.0000 T/YR		
		VOC	2.0000 T/YR	BAG FILTER	BACT
BIN, STORAGE, 2		PM	0.6000 T/YR		
VACUUM SYSTEM		PM	0.6000 T/YR	BAG FILTER	BACT
		VOC	1.0000 T/YR	VENT CONDENSER	BACT 90.00
SURGETANK, MAX, 7					
COMPRESSOR	40.00 HP	VOC	3.2000 T/YR		BACT
		VOC	0.8000 T/YR		BACT
		NOX	18.8000 T/YR		
MATL LOADING		SO2	2.3000 T/YR		
		PM	5.4000 T/YR	BAG HOUSE	BACT
TANK, KNOCK OUT					

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
FUGITIVE		VOC	0.1000 T/YR		
		VOC	9.3000 T/YR		BACT
		PM	0.6000 T/YR		BACT

NOTES --------
ACIDS ARE FORMIC & ACETIC ACIDS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: UNION CARBIDE CORP. — TEXAS CITY, TX — GALVESTON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 18369
DETERMINATION MADE BY TEXAS ACB (AGENCY) — KAREN HORNE (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/11/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ADSORBER, CARBON, 2 EA	CONFIDENTIAL				
		VOC	50.0000 T/YR		BACT 98.00
TANK, ACETIC ACID					
		VOC	0.1000 T/YR		BACT
SCRUBBER, CAUSTIC					
		VOC	0.3000 T/YR		BACT 99.90
FLARE					
		VOC	3.4000 T/YR		BACT 98.00
BAGHOUSE					
		PM	0.0100 T/YR		BACT 99.00
FILTER, SOCK					
		PM	0.0100 T/YR		BACT 99.00
FUGITIVES					
		VOC	443.0000 T/YR		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE ROASTING

COMPANY NAME/SITE LOCATION HERSHEY CHOCOLATE CO. STUARTS DRAFT, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 21018
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

DATE OF PERMIT ISSUANCE-- 07/20/88
ESTIMATED DATE OF START-UP-- 1988

TOM CREASY (AGENCY CONTACT PERSON)

(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROASTER, NUT	CONFIDENTIAL				
		PM	1.0000 LB/H 4.2000 T/YR	MULTICYCLONES	90.00
CHAMBER, FUMIGATION, 2		MET*	15.0000 LB/D EACH	PROCESS CONTROLS	

NOTES --------
CONSTRUCTION OF AN ADDITIONAL NUT ROASTER. OPACITY LIMITED TO 10%. A SECOND ROASTER, PERMITTED 4/8/82, NOT INSTALLED. PM BASED ON STACK TESTING.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: FERMENTATION AND ALCOHOLIC BEVERAGES

COMPANY NAME/SITE LOCATION: ANHEUSER-BUSCH — CARTERSVILLE, GA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 2082-008-9777
DETERMINATION MADE BY GEORGIA EPD (AGENCY) — CURT CHRCHILL (AGENCY CONTACT PERSON) — (404)-656-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/09/88
ESTIMATED DATE OF START-UP-- 1992

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, GAS/OIL FIRED, 4 EA	99.00 MMBTU/H			
		PM	0.1000 LB/MMBTU	BACT
		NOX	0.3000 LB/MMBTU, GAS	BACT
			0.4000 LB/MMBTU, OIL	
			LOW EXCESS AIR	

NOTES --------
FACILITY TO HAVE FOUR BOILERS, EACH RATED AT 99 MMBTU/H HEAT INPUT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE FERMENTATION AND ALCOHOLIC BEVERAGES

COMPANY NAME/SITE LOCATION ANHEUSER-BUSCH CO. WILLIAMSBURG, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 60152
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

JACK SCHUBERT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/07/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SILO, STORAGE/PRESSURE VESSELS	10.00 T/H				
		PM10	0.8000 LB/H 3.3000 T/YR	BAGHOUSE	99.70
BIN, WEIGH/TANK, SLURRY	5.00 T/H				
		PM10	0.4000 LB/H 1.7000 T/YR	BAGHOUSE	99.70

NOTES --------
TWO SILO/PRESSURE VESSEL SYSTEM WILL BE INSTALLED. DIATOMACEOUS EARTH IS TRANSFERRED IN BULK FROM RAIL CARS TO SILOS, THEN CONVEYORED TO WEIGH BIN VIA PRESSURE VESSEL. AFTER WEIGHING, DIATOMACEOUS EARTH IS ADDED TO WATER TO MAKE SLURRY. THE DIATOMACEOUS EARTH SLURRY IS USED FOR BEER FILTRATION. OPACITY MEASURMENTS TO BE TAKEN. THE DIATOMACEOUS EARTH IS PARTICULATE, ASSUMED TO BE 100% PM10.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

06/14/1989

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION: AMERICAN CRYSTAL SUGAR CO. HILLSBORO, ND

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. X75001
DETERMINATION MADE BY NORTH DAKOTA SHD (AGENCY)
TOM BUCHMAN (AGENCY CONTACT PERSON)
(704)-224-2348 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/06/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2	475.00 MMBTU/H				
		NOX	0.6000 LB/MMBTU		B/N
		PM	0.0500 LB/MMBTU	ESP	NSPS
		SO2	3.0000 LB/MMBTU		98.50
DRIER, PULP	215.00 MMBTU/H				SIP
		NOX	65.2500 LB/H		BACT

NOTES --------
SUGAR BEET PROCESSING PLANT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION: CENEX AGRI-FUELS — HALHALLA, ND

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 006005
DETERMINATION MADE BY NORTH DAKOTA SHD (AGENCY)
TOM DACHMAN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/22/86
ESTIMATED DATE OF START-UP-- 1986
(701)-224-2348 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	87.00 MMBTU/H				
		SO2	1.7900 LB/MMBTU	NONE	BACT
		NOX	0.5800 LB/MMBTU	NONE	BACT
		PM	0.0330 LB/MMBTU	MULTICLONE/BAGFILTER	SIP 99.98

NOTES --------
ETHANOL PRODUCTION PLANT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION DELANO GROWERS GRAPE PRODUCTS , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 3046004A
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, OIL FIRED	32.00 MMBTU/H				
		NOX	10.6000 LB/H	LOW NOX BURNER, AUTO O2 TRIM RECIRCULATED FLUE GAS	20.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION: FRITO-LAY, INC. — FRANKFORT, IN

DETERMINATION IS
PERMIT NO. PC (12) 1603
DETERMINATION MADE BY INDIANA DEM (AGENCY)

JOSEPH FOYST (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/04/86
ESTIMATED DATE OF START-UP--
(317)-232-8428 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, NAT GAS FIRED	33.50 MMBTU/H	NOX		SEE NOTES LOW NOX BURNER	BACT
OVEN, NAT GAS FIRED, 10 EA	42.00 MMBTU/H	NOX	0.1400 LB/MMBTU	LOW NOX BURNER	BACT

NOTES --------
TOTAL EMISSIONS FROM BOILER & OVENS IS 300 T/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL — 6600.00 LB/H

COMPANY NAME/SITE LOCATION: GENERAL MILLS, INC. — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-523
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRZYZIELSKI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, PELLET, 2 EA	3300.00 LB/H				
		PM	0.5000 LB/H EA		BACT
				CYCLONE/SCRUBBER	97.50
		NOX	0.4000 LB/H EA		BACT
				LOW NOX BURNERS	
		CO	0.0800 LB/H EA		BACT
		VOC	0.0200 LB/H EA		BACT
ENROBER, VITAMIN	7590.00 LB/H				
		PM	0.2000 LB/H		BACT
				WET SCRUBBER	95.00
DRYER, FINISH	7500.00 LB/H				
		PM	0.6000 LB/H		BACT
				STEAM HEATED	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION: SMUD/CAMPBELL SOUP CO. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 8585-8586
DETERMINATION MADE BY SACRAMENTO APCD (AGENCY)
BRUCE NIXON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/09/88
ESTIMATED DATE OF START-UP--
(916)-386-6623 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE FRAME 7	80.00 MW	NOX	1734.0000 LB/D 25.0000 PPMVD AT 15% O2 STEAM/H2O INJECTION	BACT

NOTES --------
CEM REQUIRED FOR NOX & O2. LB/H, LB/D, & T/YR EMISSION LIMITS FOR COMBINED TOTAL OF THIS TURBINE & 4 BOILERS DETAILED IN CA-02 90.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION SMUD/CAMPBELL SOUP CO. , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 8577-8584
DETERMINATION MADE BY SACRAMENTO APCD (AGENCY)
BRUCE NIXON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/08/88
ESTIMATED DATE OF START-UP--
(916)-386-6623 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 4 EA	100.00 MMBTU/H				
		NOX	1734.0000 LB/D		BACT
			40.0000 PPMVD AT 3% O2		
				LOW NOX BURNERS	
				FLUE GAS RECIRCULATION	

NOTES --------
CEM REQUIRED FOR NOX & O2. LB/H, LB/D, & T/YR EMISSION LIMITS FOR COMBINED TOTAL OF THIS TURBINE & 4 BOILERS DETAILED IN CA-02 91.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION: TAPCO — NEVILLE TOWNSHIP, PA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 88-I-0027-P
DETERMINATION MADE BY ALLEGHENY COUNTY APCB (AGENCY)
J. GRAHAM (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/01/88
ESTIMATED DATE OF START-UP-- 1989
(412)-578-8116 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	... & BASIS
			CONTROL EQUIPMENT OR PROCESS MODIFICATION	... PCT EFF
RENDERING	20.00 T/H			
		ODOR	NO ODOR BEYOND PROPERTY LINE	BACT
			LOW PRESSURE VENTURI/CHEMICAL PACKED TOWER SCR*	95.00

NOTES --------
REPLACEMENT OF ATOMIZED CHEMICAL FOG "SCRUBBER" CHAMBER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: COKE PRODUCTION — 57.00 OVENS

COMPANY NAME/SITE LOCATION: TOLEDO COKE CORP. , OH

DETERMINATION IS
PERMIT NO. 04-491
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
WILLIAM GARBER (AGENCY CONTACT PERSON)
(419)-693-0350 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MATL UNLOADING, RAILCAR	200.00 T/H				
		PM	0.1200 LB/T		BACT
				PARTIAL ENCLOSURE	70.00
CONVEYOR, COAL	200.00 T/H				
		PM	0.0008 LB/T		BACT
				COMPLETE ENCLOSURE	99.00
MATL LOADING, PILE	200.00 T/H				
		PM	0.0230 LB/T		BACT
				TELESCOPIC CHUTE	75.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: IRON & STEEL PRODUCTION — 1.40 MMT/YR STEEL STRIPS

COMPANY NAME/SITE LOCATION: I/N TEK — NEW CARLISLE, IN

DETERMINATION IS
PERMIT NO. PSD (71) 1664
DETERMINATION MADE BY INDIANA DEM (AGENCY)

DONALD KUH (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/15/87
ESTIMATED DATE OF START-UP-- 1989
(317)-232-8412 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LEVELLER, PINCH ROLL		PM	0.0050 GR/DSCF	FABRIC FILTER	BACT
		VE	5.0000 % OPACITY		BACT
WELDER, FLASH BUTT		PM	0.0050 GR/DSCF	FABRIC FILTER	BACT
		VE	5.0000 % OPACITY		BACT
LEVELLER, TENSION		PM	0.0050 GR/DSCF	FABRIC FILTER	BACT
		VE	5.0000 % OPACITY		BACT
PICKLING TANK		PM	0.0030 GR/DSCF	PACKED TOWER SCRUBBER W/MIST ELIMINATOR	BACT
		VE	5.0000 % OPACITY		BACT
MILL, TANDEM COLD		PM	0.0100 GR/DSCF	MIST ELIMINATOR	BACT
		VE	5.0000 % OPACITY		BACT
CLEANING TANK, ELECTROLYTIC		PM	0.0020 GR/DSCF	HORIZ. AIR WASHER	BACT
		VE	5.0000 % OPACITY		BACT
PICKLING TANK, POST TREATMENT					

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	0.0010 GR/DSCF		BACT
				PACKED TOWER SCRUBBER W/MIST ELIMINATOR	
		VE	5.0000 % OPACITY		BACT
OILER, ELECTROSTATIC					
		PM	0.0010 GR/DSCF		BACT
				MIST ELIMINATOR	
		VE	5.0000 % OPACITY		BACT
BLASTING CABINET, ROLL SHOT					
		PM	0.0130 GR/DSCF		BACT
				FABRIC FILTER	
		VE	5.0000 % OPACITY		BACT
PLATING, CHROME					
		PM	0.0010 GR/DSCF		BACT
				PACKED TOWER SCRUBBER W/MIST ELIMINATOR	
		VE	5.0000 % OPACITY		BACT
FURNACE, ANNEALING, NAT GAS FIR*	210.70 MMBTU/H				
		PM	0.0030 LB/MMBTU		BACT
		NOX	0.4300 LB/MMBTU		BACT
				LOW NOX BURNERS	
		VE	5.0000 % OPACITY		BACT
BOILER, NAT GAS FIRED, 2 EA	73.20 MMBTU/H				
		PM	0.0030 LB/MMBTU		BACT
		NOX	0.0500 LB/MMBTU		BACT
				FLUE GAS RECIRCULATION	
				NOX SUPPRESSION & BURNER DESIGN	
		VE	20.0000 % OPACITY		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: SECONDARY ALUMINUM — 40000.00 LB/H

COMPANY NAME/SITE LOCATION: U.S. REDUCTION CO. — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-499
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)

DALE KRYGIELSKI (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SHREDDER/CRUSHER, SCRAP	40000.00 LB/H			
		PM	0.1000 LB/T	BACT
			BAGHOUSE	98.00

NOTES --------
ENCLOSED CONVEYOR, HOODS, CYCLONES & BAGHOUSES IN SERIES, ENCLOSED BINS FOR COLLECTED MATERIALS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: SECONDARY LEAD SMELTING — 4.00 T/H

COMPANY NAME/SITE LOCATION: SANDERS LEAD CO. — TROY, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 210-0005-X025
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/03/88
ESTIMATED DATE OF START-UP-- 1988
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE, BLAST	7500.00 LB/H CHARGE*				
		PM	0.0100 GR/DSCF	BAGHOUSE	BACT 84.00
		PB	0.0050 GR/DSCF	BAGHOUSE	BACT 84.00
		SO2	261.0000 LB/H	PROCESS CONTROL	BACT

NOTES --------
ALLOWABLE PM & PB EMISSIONS WERE MODELED AS WORST CASE. EXPECTED EMISSIONS SHOULD BE MUCH LESS WITH CONTROL EFFICIENCY EXCEEDI
NG 95%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER METALLURGICAL PROCESSES

COMPANY NAME/SITE LOCATION: A.P. PARTS CO. — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-497
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/19/89
ESTIMATED DATE OF START-UP-- 1987
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY, POWDER FLAME	7.00 LB/H	PM	0.1100 LB/H WET COLLECTOR	BACT 93.00

NOTES --------
POWDER FLAME SPRAY OF ALUMINUM ON WELDS FOR STAINLESS STEEL EXHAUST SYSTEMS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER METALLURGICAL PROCESSES — 24.00 LB/H

COMPANY NAME/SITE LOCATION: LOW BUCK COMPRESSOR & MACHINE, INC. — MIDLAND, TX — MIDLAND COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18460
DETERMINATION MADE BY TEXAS ACB (AGENCY)
JIM KNIPSTEIN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/21/88
ESTIMATED DATE OF START-UP-- 1989
(517)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FUGITIVES		CS	0.0018 T/YR		BACT
		BA	0.0069 T/YR		
FILTER CARTRIDGE		CS	0.0029 T/YR		BACT 99.00
		BA	0.0113 T/YR		

NOTES --------
CS = CARBON STEEL, BA = BABBITT METAL - AN ALLOY CONTAINING TOXIC MATERIALS - LEAD, COPPER, ANTIMONY, & TIN.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: OTHER METALLURGICAL PROCESSES

COMPANY NAME/SITE LOCATION: STERILE CONCEPTS, INC. — RICHMOND, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 50978
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

CHARLIE HOLMES (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/02/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-3634 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STERILIZER		ETH*	4.3400 LB/D 1.4400 LB/H	PACKED TOWER SCRUBBER	99.90
		FRE*	512.0000 LB/D 504.0000 LB/H	NONE	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER METALLURGICAL PROCESSES

COMPANY NAME/SITE LOCATION: US D.O.E.
FEED MATERIALS PRODUCTION CENTER
CROSBY TOWNSHIP, OH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 14-1559 & 14-1516
DETERMINATION MADE BY SOUTHWESTERN OHIO APCA (AGENCY)
MARK HINES (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1988
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
"F" MACHINES, 2	4775.00 LB/H	PM10	9.8200 EE-4 LB/H, EA	BACT
			8.1400 EE-3 T/YR	
			CARTRIDGE FILTRATION W/PREFILTER	99.90
			HEPA FILTRATION	B/H
		U	4.5800 EE-4 LB/H, EA	
			3.8400 EE-3 T/YR	
		PM10	0.0000 % VE	BACT
MILLING, SLAG	6000.00 LB/H	PM10	6.5000 EE-3 LB/H	BACT
			0.0274 T/YR	
			CARTRIDGE FILTRATION W/PREFILTER	99.90
			HEPA FILTRATION	B/H
		U	9.1000 EE-4 LB/H	
			6.2800 EE-4 T/YR	

NOTES --------
PROCESS MONITORING DEVICE

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 8.22

SOURCE TYPE/SIZE: ASPHALT BATCHING PLANTS

COMPANY NAME/SITE LOCATION: BLUE RIDGE STONE CORP. — PINEY RIVER, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 30850
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY) — KATHERINE MILLER (AGENCY CONTACT PERSON) — (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/18/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FEEDER, VIBRATING		PM	2.9000 LB/H 5.4000 T/YR	WET SUPPRESSION	
		PM10	2.2000 LB/H 4.0000 T/YR	WET SUPPRESSION	
CRUSHER, JAW		PM	3.8000 LB/H 7.1000 T/YR	WET SUPPRESSION	
		PM10	0.3000 LB/H 0.5000 T/YR	WET SUPPRESSION	
SCREEN, VIBRATING		PM	2.9000 LB/H 5.4000 T/YR	WET SUPPRESSION	
		PM10	2.2000 LB/H 4.1000 T/YR	WET SUPPRESSION	
SCREEN, TWO DECK		PM	2.9000 LB/H 5.4000 T/YR	WET SUPPRESSION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		PM10	2.2000 LB/H 5.4000 T/YR WET SUPPRESSION	
CRUSHER, SECONDARY STONE				
		PM	2.8000 LB/H 5.3000 T/YR WET SUPPRESSION	
		PM10	0.2000 LB/H 0.3000 T/YR WET SUPPRESSION	
CRUSHER, TERTIARY CONE				
		PM/*	20.9000 LB/H 39.0000 T/YR WET SUPPRESSION	
SCREEN, THREE DECK				
		PM	1.8000 LB/H 3.4000 T/YR WET SUPPRESSION	
		PM10	1.8000 LB/H 2.5000 T/YR WET SUPPRESSION	
MATL TRANSFER				
		PM/*	2.3000 LB/H 4.5000 T/YR WET SUPPRESSION	
STORAGE PILE				
		PM/*	5.0000 LB/H 8.3000 T/YR WET SUPPRESSION	

NOTES --------
CONSTRUCT A QUARRY & PORTABLE STONE CRUSHING PLANT. TRUCKS FOR HUALING DUSTY MATERIALS SHALL BE COVERED/WETTED PROIR TO LEAVIN G PLANT. FUGITIVE EMISSIONS FROM THE HAUL RAODS SHALL BE CONTROLLED BY POURING & WET SUPPRESSION METHODS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: ASPHALT BATCHING PLANTS — 240000.00 T/YR

COMPANY NAME/SITE LOCATION: LEE HY PAVING CORP. — GOOCHLAND, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 50060
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY) — KATHERINE MILLER (AGENCY CONTACT PERSON) — (804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/27/89
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER/COATER, DRUM	240000.00 T/YR				
		PM	0.0400 GR/DSCF AT STD CONDITIONS		
				BAGHOUSE	99.90
		PM10	0.5000 LB/H		
			0.7400 T/YR		
				BAGHOUSE	99.90
		BE	0.0500 LB/D		
			2.2500 T/YR		
		FOR*	0.4900 LB/D		
			85.0000 T/YR		

NOTES --------
CONSTRUCTION OF A DRUM MIX ASPHALT PLANT. OPACITY 15%. APPROVED FUEL IS #2 OIL & USED OIL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS:

SOURCE TYPE/SIZE: ASPHALT BATCHING PLANTS

COMPANY NAME/SITE LOCATION: MAC CONSTRUCTION, INC. , VA
BUCHANAN COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 10850
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY) TOM CREASY (AGENCY CONTACT PERSON) (804)-786-0178 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/15/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MIXER, ASPHALT DRUM	100.00 T/H	PM	0.0400 GR/DSCF AT STD CONDITIONS 3.7400 LB/H VENTURI SCRUBBER	99.50

NOTES --------
MODIFY PLANT BY INCREASING RATED CAPACITY. 45000 T/YR LIMIT, 10900 DRY CUBIC METER AT STD CONDITIONS, #2 FUEL OIL - 20350 GAL/YR. NSPS SUBPART I, STANDARDS OF PERFORMANCE FOR ASPHALT CONCRETE PLANTS APPLIES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS:

SOURCE TYPE/SIZE: ASPHALT BATCHING PLANTS — 350.00 T/H

COMPANY NAME/SITE LOCATION: MEGA CONTRACTORS — NEWPORT NEWS, VA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 61067
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/05/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAVING PLANT, CONCRETE	350.00 T/H				
		PM	0.0400 GR/DSCF		
				BAGHOUSE	99.90
		SO2	0.0800 LB/MMBTU		
			61.3000 LB/H		
				S FUEL LIMIT = 0.8%	
		VOC	11.8000 LB/H		
			5.0000 T/YR		
		NOX	15.1000 LB/H		
			6.5000 T/YR		
		CO	16.0000 LB/H		
			6.8000 T/YR		
		AS	1.3000 EE-5 LB/D		
				BAGHOUSE	99.90
		BA	9.5000 EE-5 LB/D		
				BAGHOUSE	99.90
		CD	6.8000 EE-5 LB/D		
				BAGHOUSE	99.90
		CR	2.7000 EE-4 LB/D		
				BAGHOUSE	99.90
		CL	35.9000 LB/D		
		PCB	0.7200 LB/D		
		VA	6.0000 EE-3 LB/D		
				BAGHOUSE	99.90

NOTES --------
PLANT IS PERMITTED TO BURN USED OIL. PERMITEE MUST OBTAIN CHEMICAL ANALYSIS OF EACH SHIPMENT OF USED OIL & MUST RETAIN THESE RECORDS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS:

SOURCE TYPE/SIZE: ASPHALT BATCHING PLANTS — 300.00 T/H

COMPANY NAME/SITE LOCATION: STONECO, INC. 10801 HURON-AVERY RD — MILAN, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-515
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
JEFFERY THADDLE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, DRUM MIX ASPHALT, PORTAB*	300.00 T/H	PM	0.0400 GR/DSCF BAGHOUSE	99.90

NOTES --------
THIS LIMIT IS THE SAME AS REQUIRED BY NSPS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS — 7.50 T/H

COMPANY NAME/SITE LOCATION: GEORGIA KAOLIN CO. — DRY BRANCH, GA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3295-143-3402-0
DETERMINATION MADE BY GEORGIA EPD (AGENCY)

RONALD METHIER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/01/88
ESTIMATED DATE OF START-UP-- 1989
(404)-656-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CALCINER, VERTICAL	9.30 T/H				
		PM	0.0400 GR/DSCF		B/N
				ESP	99.80
PULVERIZER, 6	9.30 T/H				
		PM	0.0200 GR/DSCF		B/N
				FABRIC FILTER	99.90
GRINDER, 10	7.70 T/H				
		PM	0.0200 GR/DSCF		B/N
				FABRIC FILTER	99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS — 1.50 T/H

COMPANY NAME/SITE LOCATION: ICI AMERICAS, INC. , VA
CHESTERFIELD COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 50418
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/26/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRIER, PELLETIZING	1.10 T/H	PM/*	0.0040 LB/H 0.0130 T/YR BAGFILTERS	
BUNKER, INTERMEDIATE FLAKE	1.50 T/YR	PM/*	0.0140 LB/H 0.0460 T/YR BAGFILTERS	
DRYING SYSTEM, FLAKE	1.50 T/H	PM/*	MINIMAL PERMIT LIMIT	
BUNKER, RECLAIM CHIP, #11	1.50 T/H	PM/*	MINIMAL PERMIT LIMIT	
BUNKER, RECLAIM CHIP, #12	1.50 T/H	PM/*	MINIMAL PERMIT LIMIT	
BUNKER, RECLAIM CHIP, #13	1.50 T/H	PM/*	MINIMAL PERMIT LIMIT	
BUNKER, RECLAIM CHIP, #14	1.50 T/H	PM/*	MINIMAL PERMIT LIMIT	
BUNKER, RECLAIM CHIP, #15	1.50 T/H			

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTAN. EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM/*		MINIMAL PERMIT LIMIT	
BUNKER, RECLAIM CHIP, #16	1.50 T/H				
		PM/*		MINIMAL PERMIT LIMIT	
BUNKER, RECLAIM CHIP, #17	1.50 T/H				
		PM/*		MINIMAL PERMIT LIMIT	
BUNKER, RECLAIM CHIP, #18	1.50 T/H				
		PM/*		MINIMAL PERMIT LIMIT	
TRANSFER SYSTEM, CHIP	11.25 T/H				
		PM/*	0.4500 LB/H 0.2300 T/YR	PERMIT LIMIT	
EXHAUST HOOD, ZEOSPHERES	0.02 T/H				
		PM/*		MINIMAL PERMIT LIMIT	
EXHAUST HOOD, R & D					
		PM/*		MINIMAL PERMIT LIMIT	
EXHAUST HOOD, R & D					
		PM/*		MINIMAL PERMIT LIMIT	
MATL UNLOAD, RAIL CAR CHIP	7.50 T/H				
		PM/*		MINIMAL BAGFILTERS	

NOTES --------
CONSTRUCT A NEW FLAKE PROCESS LINE & ASSOCIATED MATERIALS HANDLING & STORAGE EQUIPMENT. NON-CRITERIA POLLUTANT EMISSIONS - MEK , MIBK, TOLUENE, ACETONE, METHYL ALCOHOL & NITRIC ACID - ARE LESS THAN THE EMISSION EXEMPTION LEVELS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: COAL CLEANING (THERMAL DRYER)

COMPANY NAME/SITE LOCATION: CONSOLIDATION COAL CO. GARDEN CREEK , VA BUCHANAN COUNTY

DETERMINATION IS B/N
PERMIT NO. 10945
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
TOM CREASY (AGENCY CONTACT PERSON)
(804)-786-0178 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/10/89
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS · CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, THERMAL	413.00 T/H, MAX	PM	0.0310 GR/DSCF 30.2000 LB/H VENTURI SCRUBBER	99.90
		PM10	0.0170 GR/DSCF 16.6000 LB/H VENTURI SCRUBBER	99.00
		SO2	23.2000 LB/H 58.8000 T/YR VENTURI SCRUBBER	80.00
		NO2	55.7000 LB/H 141.5000 T/YR VENTURI SCRUBBER	25.00
		VOC	24.4000 LB/H 62.3000 T/YR	

NOTES --------
MODIFY COAL PREPARATION FACILITY. REPLACES PERMIT JULY 1, 1983 AMMENDED JUNE 5, 1985. 1890000 T/YR DRIED COAL, 5072 H/YR. 20% OPACITY FROM DRYER. BITMINOUS 1% SULFUR COAL FUEL FOR DRYER. MONITOR DEVICES FOR DRYER EXCHANGE TEMPERATURE/VENTURI PRESSURE LOSS/VENTURI WATER SUPPLY PM/SO2 TESTING CONDUCTED IN NOVEMBER 1985. NSPS - SUBPART Y.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION: ADAMS CONSTRUCTION CO. — MYTHEVILLE, VA — MYTH COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 10396
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY) — TOM CREASY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/27/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER	200.00 T/H				
		PM	0.4300 LB/H 0.1620 T/YR	WET SUPPRESSION/ENCLOSURE	99.00

NOTES --------
ADD CRUSHER TO EXISTING SITE. BARMAC MARK II DUROPACTOR CRUSHER, 150000 T/YR LIMIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

06/14/1989

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION: ASPHALT CONSTRUCTION CO., INC. , CA
KERN COUNTY

DETERMINATION IS
PERMIT NO. 1014009B
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

DATE OF PERMIT ISSUANCE-- 12/21/88
ESTIMATED DATE OF START-UP--
TOM PAXSON (AGENCY CONTACT PERSON)
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, AGGREGATE	175.00 T/H				
		PM	1.6250 LB/H		
				WATER SPRAY	50.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL — 300.00 T/H

COMPANY NAME/SITE LOCATION: BLAKEMORE CONSTRUCTION CORP. — PINEY RIVER, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. (3)40766
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/24/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, DRUM	300.00 T/H	PM	0.0400 GR/DSCF AT STD CONDITIONS	
			2.5000 LB/H	
			BAGHOUSE	99.00

NOTES --------
CONSTRUCT A DRUM MIXER ASPHALTIC CONCRETE PLANT. ANNUAL PROD. OF ASPHALTIC CONCRETE NOT TO EXCEED 200000 T/YR. NSPS SUBPART 1, STANDARDS OF PERFORMANCE FOR ASPHALTIC CONCRETE PLANTS AF[illegible]IES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION: CHEMGOLD, INC. , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 1102001B
DETERMINATION MADE BY KERN CO. APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/15/88
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CONVEYOR/SCREEN	3245.00 T/D	PM	76.9100 LB/D	WATER SPRAY AT TRANSFER PTS	
		VE	5.0000 % OPACITY		

NOTES --------
DISTRICT DETERMINATION. LIMITED TO 20 H/D

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 9.17

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL — 264.00 T/YR

COMPANY NAME/SITE LOCATION: D.M.L. #2 — ATKINS, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 11068
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
TOM CREASY (AGENCY CONTACT PERSON)
(804)-786-0178 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/18/89
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, JAW, #3042	250.00 T/H			
		PM	8.4000 LB/H	
			4.1000 T/YR	
			WET SUPPERSSION	90.00
		PM10	8.4000 LB/H	
			4.1000 T/YR	
			WET SUPPRESSION	90.00
CRUSHER, GYRO, #4895	1.20 T/H			
		PM	6.7000 LB/H	
			3.2000 T/YR	
			WET SUPPRESSION	90.00
		PM10	0.4000 LB/H	
			0.2000 T/YR	
			WET SUPPRESSION	90.00
CRUSHER, GYRO, #48	105.00 T/H			
		PM	3.5000 LB/H	
			1.7000 T/YR	
			WET SUPPRESSION	90.00
		PM10	0.2000 LB/H	
			0.1000 T/YR	
			WET SUPPRESSION	90.00
CRUSHER, BARMAC	285.00 T/H			
		PM	6.3000 LB/H	
			1.4000 T/YR	
			WET SUPPRESSION	99.00
			SURFACTANT/ENCLOSURE	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		PM10	6.3000 LB/H 1.4000 T/YR WET SUPPRESSION SURFACTANT/ENCLOSURE	99.00
SCREEN, TRIPLE DECK	285.00 T/H	PM	6.8000 T/H 3.2000 T/YR WET SUPPRESSION SURFACTANT/ENCLOSURE	99.00
		PM10	6.8000 LB/H 3.2000 T/YR WET SUPPRESSION SURFACTANT/ENCLOSURE	99.00
MATL TRANSFER, CONVEYER	516.00 T/H	PM	123.8000 LB/H 99.1000 T/YR WET SUPPRESSION SURFACTANT/ENCLOSURE	90.00
		PM10	123.8000 LB/H 99.1000 T/YR WET SUPPRESSION SURFACTANT/ENCLOSURE	90.00
MATL STORAGE, OPEN	250.00 T/H	PM	9.9000 LB/H 4.8000 T/YR WET SUPPRESSION/COVER	90.00
		PM10	9.9000 LB/H 4.8000 T/YR WET SUPPRESSION/COVER	90.00
MATL LOAD/UNLOAD		FUG*	WET SUPPRESSION	
ROADS, HAUL		FUG*	PAVING/H2O TRUCK/TRUCK WHEEL WASH	

NOTES --------
CONSTRUCT A 264000 T/YR STONE FACILITY. 8 HOUR/DAY, 5 DAY/WK, 40 WK/YR. ALL WET SUPPRESSION SYSTEMS TO ALLOW USE OF SURFACTANT
. OPACITY 7% ON BARMAC & TRIPLE DECK, 10% ON TRANSFER, 15% ON JAW & GYRO. DRILLS TO BE EQUIPT WITH DUST
CONTROLS. BLASTING MATERIAL TO BE WETTED. PM MONITORING. NON-OPERATION CONTROLS REQUIRE SHUT-DOWN. PM10 FACTORS TO BE ADJUSTED
.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 9.17

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL 285.00 T/H

COMPANY NAME/SITE LOCATION DHL, INC. , VA
WASHINGTON COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 10239
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
TOM CREASY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/05/88
ESTIMATED DATE OF START-UP--
(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, BAR-MAC	285.00 T/H				
		PM	6.3000 LB/H		
			1.1000 T/YR		
				WET SUPPRESSION & ENCLOSURE	99.00

NOTES --------
INSTALL NEW CRUSHER. 7% OPACITY FROM ENCLOSURE VENTS. CONSENT AGREEMENT & ORDER SIGNED FOR OPERATING WITHOUT PERMIT. PART 60, SUBPART 000 OF NSPS CFR 60.672 APPLIES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION H.B. MELLOTT ESTATE, INC. CULPEPER, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. (7)40764
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/17/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, ROCK		PM	5.8800 LB/H 4.2000 T/YR WET SUPPRESSION	95.00
CRUSHER, SECONDARY, PORTABLE		PM	3.3600 LB/H 4.2000 T/YR WET SUPPRESSION	
SCREEN, TRIPLE DECK		PM	3.3600 LB/H 2.4000 T/YR WET SUPPRESSION	
MATL TRANSFER PTS, CONVEYOR		PM	2.5200 LB/H 1.8000 T/YR WET SUPPRESSION	
STORAGE, OPEN		PM	0.5100 LB/H 2.2300 T/YR	

NOTES --------
INSTALL A PORTABLE STONE CRUSHING & SCREENING PLANT. VERIFIED BY METHOD 9 OPACITY TESTING. LIMITS SET AT 15% OPACITY- CRUSHER UNITS. 10% OPACITY - SCREENS & CONVEYOR TRANSFER PTS. SECTION 120-05-0403 & PART 60, SUBPART 000, NSPS 40 CFR 60.672 APPLIES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL 200000.00 T/YR

COMPANY NAME/SITE LOCATION HOLSTON RIVER QUARRY NEWBERN, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 20431
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
TOM CREASY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/12/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, CONE	200000.00 T/YR			
		PM	0.2700 LB/H	
			0.2200 T/YR	
			WET SUPPRESSION	90.00
SCREEN, DOUBLE DECK	200000.00 T/YR			
		PM	3.3600 LB/H	
			2.9000 T/YR	
			WET SUPPRESSION	90.00
MATL TRANSFER PTS	200000.00 T/YR			
		PM	4.8000 LB/H	
			4.2000 T/YR	
			WET SUPPRESSION	90.00

NOTES --------
CONSTRUCT A CONE CRUSHER & A DOUBLE DECK SCREEN. CRUSHER - 15% OPACITY, SCREEN/TRANSFER - 10% OPACITY. FUGITIVE CONTROL FROM D RILL, STROAGE, TRUCKS. PAVED ROAD FROM SCALES TO STATE ROAD. AMBIENT MONITORING SITE FOR PM.
JAW CRUSHER, 20" X 36", TO BE SHUT DOWN. NSPS - SUBPART 1 APPLIES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION: KERN ROCK CO. , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 1025018A
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/09/89
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
HOPPER/CONVEYOR, AGGREGATE	300.00 T/H	PM10	59.8800 LB/D	H2O SPRAY/ENCLOSURES	BACT

NOTES --------
SOURCE LIMITED TO 10 HOURS/DAY, 5 DAYS/WEEK.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION LOUDOUN QUARRIES , VA
LOUDOUN COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 70363
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
(804)-786-0172 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/24/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, PRIMARY ROCK	800.00 T/H				
		PM	20.1600 LB/H 16.8000 T/YR	WET SUPPRESSION.	90.00

NOTES --------
INSTALL A REPLACEMENT PRIMARY CRUSHER. EMISSIONS FROM PRIMARY CRUSHER ARE LIMITED TO 15% OPACITY. NSPS REQUIREMENTS OF 40 CFR 60.672, SUBPART 000 APPLY. AN OPACITY LIMIT OF 15% IS IMPOSED ON THE PRIMARY CRUSHER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP REVIEW STATUS:

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION LUCK STONE CORP. , VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 50946
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/27/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, TERTIARY	850000.00 T/YR	PM/*	5.7000 LB/H 7.9000 T/YR BAGHOUSE	99.90

NOTES --------
INSTALL A TERTIARY CRUSHER. NSPS - SUBPART 000. OPACITY 7% & 10% FOR PLANT TRANSFER POINT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL 7750.00 T/YR

COMPANY NAME/SITE LOCATION LUCK STONE CORP. , VA
ALBERMARLE COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. (5)40256
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/09/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, TERTIARY	775000.00 T/YR				
		PM	5.7600 LB/H		
			7.2000 T/YR		
				BAGHOUSE	99.90
		PM10	9.6000 LB/H		
			12.0100 T/YR		
				BAGHOUSE	99.90

NOTES --------
INSTALL A REPLACEMENT TERTIARY CRUSHER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL 1.30 MMT/YR

COMPANY NAME/SITE LOCATION LUCK STONE CORP. , VA
LOUDOUN COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 70143
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/05/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-1411 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, TERTIARY					
		PM	22.2000 LB/H 48.1000 T/YR	WET SUPPRESSION, JOHNSON-MARCH	96.00
		PM10	22.2000 LB/H 48.1000 T/YR		

NOTES --------
VISIBLE EMISSIONS NOT TO EXCEED 15%. OPERATIONS NOT TO EXCEED 5400 H/YR. ANNUAL PRODUCTION LIMITED TO 1300000 TONS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL — 125000.00 T/YR

COMPANY NAME/SITE LOCATION: PRINCE PAVING CO., INC. , VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 50045
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/21/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, ASPHALT BATCH		PM	0.0400 GR/DSCF AT STD CONDITIONS		
			2.8000 T/YR		
				BAGHOUSE	99.90
		FOR*	0.0300 LB/H		
			0.0300 T/YR		
				BACHOUSE	99.90

NOTES --------
MODIFY OF AN ASPHALT BATCH PLANT. ANNUAL PROD OF CONCRETE LIMITED TO 125000 T/YR. OPER SCHED - 10 H/D, 5 D/WK. BURNER USING NA
T GAS/#2 FUEL OIL. SULFUR CONTENT OF OIL NOT TO EXCEED 0.3% BY WT PER SHIPMENT.
NSPS - SUBPART I APPLIES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: STONE QUARRYING, SAND/GRAVEL — 350000.00 T/YR

COMPANY NAME/SITE LOCATION: STUART M. PERRY , VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. (7)20326
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/09/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, SECONDARY	250.00 T/H	PM	2.3500 LB/H 2.3500 T/YR WET SUPPRESSION	96.00
CRUSHER, TERTIARY	250.00 T/H	PM	3.5500 LB/H 3.5500 T/YR	
SCREENS	250.00 T/H	PM	1.6500 LB/H 1.6500 T/YR	
MATL TRANSFER PTS, CONVEYOR	250.00 T/H	PM	1.2000 LB/H 1.2000 T/YR	
STORAGE, OPEN	250.00 T/H	PM	0.7100 LB/H 3.1200 T/YR	

NOTES --------
SOURCE IS A LIMESTONE QUARRY. PERMIT ALLOWS INSTALLATION & OPERATION OF ADDITIONAL ROCK PROCESSING EQUIPMENT. WET SUPPRESSION SYSTEM OPERATED UNDER 100 PSIG PRESSURE. 40CFR 60.672, SUBPART 000

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE STONE QUARRYING, SAND/GRAVEL

COMPANY NAME/SITE LOCATION VIRGINIA TRAP ROCK, INC. LEESBURG, VA

DETERMINATION IS B/N FOR A MODIFIED SOURCE.
PERMIT NO. 70681 DATE OF PERMIT ISSUANCE-- 06/20/88
DETERMINATION MADE BY VIRGINIA DAPC ESTIMATED DATE OF START-UP-- 1988
(AGENCY) KATHERINE MILLER (AGENCY CONTACT PERSON) (804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CRUSHER, TERTIARY	140.00 T/H	PM	12.4300 LB/H 10.3600 T/YR WET SUPPRESSION	96.00
SCREENING TOWER		PM	1.0800 LB/H 0.9000 T/YR WET SUPPRESSION	96.00
TRANSFER PTS., CONVEYOR		PM	1.9500 LB/H 1.6200 T/YR WET SUPPRESSION	96.00
STORAGE, OPEN		PM	0.5700 LB/H 2.0800 T/YR WET SUPPRESSION.	96.00

NOTES --------
INSTALL ADDITIONAL TERTIARY ROCK CRUSHER & ASSOC. EQUIP. OPACITY LIMITS - TERT. CRUSHER 15%, SCREEN TOWER 10%, TRANSFER PTS 10
%. SOURCE MEETS NSPS REQUIREMENTS OF 40 CFR 60.672, SUBPART 000. WET CONTROL SYSTEM WILL OPERATE
AT 100 PSIG.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE. SOURCE TYPE CODE 9.17

SOURCE TYPE/SIZE: OTHER MINERAL PRODUCTS INDUSTRY — 300.00 T/H

COMPANY NAME/SITE LOCATION: AMBROSE BRANCH COAL CO., INC. , VA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 10612
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
TOM CREASY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/08/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SCREENING/LOADING/CRUSHING	300.00 T/H				
		PM	9.8000 LB/H		
			16.4000 T/YR		
				H2O SPRAY	90.00
		PM10	9.8000 LB/H		
			16.4000 T/YR		
				H2O SPRAY	90.00

NOTES --------
MODIFY COAL TRIPPLE FACILITY. FUGITIVE DUST WATER TRUCK & ROAD PAVING. 1000000 T/YR COAL PROCESSED, 10 H/D TIPPLE OPERATION. 1 0% OPACITY. VOIDS JUNE 28, 1978 PERMIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER MINERAL PRODUCTS INDUSTRY — 64.00 T/H

COMPANY NAME/SITE LOCATION: BIG RIVER INDUSTRIES, LIVLITE DIVISION — LIVINGSTON, AL

DETERMINATION IS
PERMIT NO. 412-0005-X003
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
KEN BARRETT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/06/89
ESTIMATED DATE OF START-UP-- 1989
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
KILN, LIGHT WT AGGREGATE	64.00 T/H RAW MATL				
		PM	24.0000 LB/H		
			0.3700 LB/T RAW MATL		
				MULTICLONES/WET SCRUBBER	99.60
		SO2	145.0000 LB/H		
			2.2400 LB/T RAW MATL		
				WET SCRUBBER	80.00
		NOX	60.0000 LB/H		
			0.9400 LB/T RAW MATL		
				CONTROL EXCESS AIR	
		CO	80.0000 LB/H		
			1.2300 LB/T RAW MATL		
				GOOD COMBUSTION PRACTICES	

NOTES --------
BACT DETERMINED BY TECHNOLOGY & ECONOMICS. WET SCRUBBER PROPOSED WILL CONTROL PM & SO2. THE SOURCE OF THE SULFUR IS THE FUEL, COAL 1.5%S, & RAW MATERIAL, CLAY 0.4%S.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: OTHER MINERAL PRODUCTS INDUSTRY

COMPANY NAME/SITE LOCATION: DOW CHEMICAL U.S.A. — FREEPORT, TX — BRAZORIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 18579
DETERMINATION MADE BY TEXAS ACB (AGENCY) — BART HAGLE (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 07/05/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SCRUBBER		VOC	0.3000 T/YR		BACT
		NOX	12.0000 T/YR		
		CO	3.0000 T/YR		
		PM	0.5000 T/YR		
		HCL	0.5000 T/YR		
		CL2	13.8000 T/YR		
FUGITIVES		CL2*	0.1000 T/YR		BACT

NOTES --------
CL2/OCL=CHLORINE/HYPOCHLORITES. THE SCRUBBER STACK CL2 CONCENTRATION IS LIMITED TO 30 PPMV.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER MINERAL PRODUCTS INDUSTRY

COMPANY NAME/SITE LOCATION: EXCEL MINERALS , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 1019021A-026A
DETERMINATION MADE BY KERN CO. APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/15/88
ESTIMATED DATE OF START-UP--
(805)-831-9251 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, NON-METALIC MINERAL PROC*		PM	131.5100 LB/D 0.0100 GR/DSCF	FABRIC FILTER	BACT

NOTES --------
TIME OF OPERATION LIMIT IS 20 H/D. FUEL USE LIMIT IS 640 MMBTU/D.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: OTHER MINERAL PRODUCTS INDUSTRY — 360.00 T/H

COMPANY NAME/SITE LOCATION: KUHLMAN CORP. — HARRISON TOWNSHIP, OH — HENRY COUNTY

DETERMINATION IS
PERMIT NO. 04-534
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
JEFFREY THADDLE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1989
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SILO, CEMENT	45.00 T/H				
		PM	0.1200 LB/H		BACT
				BAGHOUSE	99.00
		VE	0.0000 % OPACITY		
HOPPER, WEIGH, CEMENT	45.00 T/H				
		PM	0.1200 LB/H		BACT
				BAGHOUSE	99.00
MATL. HANDLING	360.00 T/H				
		PM			BACT
				COVERED CONVEYING, WATERING	
MATL. LOADING, TRUCKS	360.00 T/H				
		PM			BACT
				EXTENDED BOOT INTO TRUCK	
STORAGE PILE	2000.00 T				
		PM			BACT
				MAINTAIN MOISTURE, MIN HT. DROP	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: KRAFT PULP MILLS

COMPANY NAME/SITE LOCATION: CONTAINER CORP. OF AMERICA — BREWTON, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 502-0001-Z012
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/27/85
ESTIMATED DATE OF START-UP--
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, #2, WOODWASTE	351.00 MMBTU/H				
		PM	0.3000 GR/DSCF AT 50% EA		BACT
				MULTICLONE W/WET SCRUBBER	
		SO2	1.5000 % S FUEL		
				SHAVE-OFF	

NOTES --------
RESTRICTED TO ONE TON PER HOUR OF COAL OR LESS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: KRAFT PULP MILLS

COMPANY NAME/SITE LOCATION: HAMMERMILL PAPER — SELMA, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 104-0003-X018
DETERMINATION MADE BY ALABAMA DEM (AGENCY)

SUE ROBERTSON (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/02/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COMBINATION FUEL	667.00 MMBTU/H				
		PM	0.1000 LB/MMBTU	ESP & MULTICLONES	NSPS 99.50
		SO2	0.8000 LB/MMBTU	BLENDED FUELS/LOW S FUEL	PSD
		NOX	0.3000 LB/MMBTU	DESIGN & OPERATION	NSPS
		CO	0.5000 LB/MMBTU	DESIGN & OPERATION	NCAS

NOTES --------
SOURCE MUST FIRE NATURAL GAS & FUEL OIL. OPACITY MUST BE LESS THAN 10% ANNUALLY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: KRAFT PULP MILLS

COMPANY NAME/SITE LOCATION: HAMMERMILL PAPER — SELMA, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 104-0003-X019
DETERMINATION MADE BY ALABAMA DEM (AGENCY) — SUE ROBERTSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/02/85
ESTIMATED DATE OF START-UP-- 1986
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
KILN, LIME, #3	380.00 T/D				
		PM	0.1300	GR/DSCF AT 10% O2,FUEL OIL	NSPS
			0.0670	GR/DSCF AT 10% O2,NAT GAS	
				FIXED THROAT VENTURI	98.70
		TRS	8.0000	PPM AT 10% O2	NSPS
				DESIGN	
		SO2	8.5000	LB/H	
		NOX	37.3000	LB/H	
		CO	3.4000	LB/H	

NOTES --------
LOW PRESSURE DROP VENTURI DESIGN.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: KRAFT PULP MILLS

COMPANY NAME/SITE LOCATION: INTERNATIONAL PAPER CO. MOBILE, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 503-2005-Z014
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/16/85
ESTIMATED DATE OF START-UP-- 1986
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COMBINATION FUEL	778.00 MMBTU/H			
		PM	0.1000 LB/MMBTU	NSPS
			MULTICLONES & ESP	99.50
		SO2	0.8000 LB/MMBTU, OIL & WOOD	NSPS
			1.2000 LB/MMBTU, COAL & WOOD	
		NOX	0.7000 LB/MMBTU	NSPS
		CO	0.6000 LB/MMBTU	
		BE	0.0025 LB/H	
		FL	4.8000 LB/H	
		H2S*	32.6000 LB/H	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: KRAFT PULP MILLS — 700000.00 ADUT/YR

COMPANY NAME/SITE LOCATION: JAMES RIVER CORP. — CAMAS, WA

DETERMINATION IS
PERMIT NO. PSD-88-3 & DE-88-360
DETERMINATION MADE BY WASHINGTON DOE (AGENCY)

ALAN BUTLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/14/89
ESTIMATED DATE OF START-UP-- 1990
(206)-867-7103 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE, RECOVERY, #3	523.00 MMBTU/H				
		PM10	0.0330	GR/DSCF AT 8% O2	BACT
			328.0000	T/YR	
				ESP W/HEAT RECOVERY SCRUBBER	99.50
		VE	20.0000	% OPACITY	BACT
		SO2	10.0000	PPM AT 8% O2	BACT
			46.2000	T/YR	
				HEAT RECOVERY SCRUBBER	98.00
		NOX	1.8000	LB/ADUT	BACT
			496.0000	T/YR	
				DESIGN & OPERATION	
		CO	2755.0000	T/YR	BACT
				DESIGN & OPERATION	
		VOC	219.0000	T/YR	LAER
				DESIGN & OPERATION	
		TRS	5.0000	PPMDV AT 8% O2, 12H AVG	BACT
			2.0000	PPMDV AT 8%O2, ANN AVG	
				CAUSTIC LIQUOR SCRUBBER	
				DESIGN & OPERATION	
FURNACE, RECOVERY, #4	770.00 MMBTU/H				
		PM10	0.0330	GR/DSCF AT 8% O2	BACT
			328.0000	T/YR	
				ESP W/HEAT RECOVERY SCRUBBER	99.50
		VE	20.0000	% OPACITY	BACT
		SO2	10.0000	PPM AT 8% O2	BACT
			46.2000	T/YR	
				HEAT RECOVERY SCRUBBER	98.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		NOX	1.8000 LB/ADUT		BACT
			496.0000 T/YR		
				DESIGN & OPERATION	
		CO	2755.0000 T/YR		BACT
				DESIGN & OPERATION	
		VOC	219.0000 T/YR		LAER
				DESIGN & OPERATION	
		TRS	5.0000 PPMDV AT 8% O2, 12H AVG		BACT
			2.0000 PPMDV AT 8%O2, ANN AVG		
				CAUSTIC LIQUOR SCRUBBER	
				DESIGN & OPERATION	
DISSOLVER VENT, SMELT, #3					
		PM10	0.1200 LB/T BLS, MONTHLY AVG		BACT
			0.1050 LB/T BLS, ANN AVG		
				PACKED BED SCRUBBER	
		VE	35.0000 % OPACITY		BACT
		SO2	24.0000 PPMDV		BACT
			28.0000 T/YR		
				PACKED BED SCRUBBER	
		TRS	0.0168 LB/T BLS, DAILY AVG		BACT
			0.0130 LB/T BLS, ANN AVG		
				PACKED BED SCRUBBER	
DISSOLVER VENT, SMELT, #4					
		PM10	0.1200 LB/T BLS, MONTHLY AVG		BACT
			0.1050 LB/T BLS, ANN AVG		
				PACKED BED SCRUBBER	
		VE	35.0000 % OPACITY		BACT
		SO2	24.0000 PPMDV		BACT
			28.0000 T/YR		
				PACKED BED SCRUBBER	
		TRS	0.0168 LB/T BLS, DAILY AVG		BACT
			0.0130 LB/T BLS, ANN AVG		
				PACKED BED SCRUBBER	
KILN, LIME & EVAPORATOR, BLOW H*					
		PM10	0.0650 GR/DSCF AT 10%O2, GAS		BACT
			0.1300 GR/DSCF AT 10% O2. OIL		
				VENTURI SCRUBBER	
		SO2	41.0000 PPM		BACT
			36.1000 T/YR		
				VENTURI SCRUBBER	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		TRS	8.0000	PPMDV AT 8%O2, 12H AVG	BACT
			4.0000	PPMDV AT 8% O2, ANN AVG	
				PROCESS DESIGN & CONTROLS	
		NOX	234.0000	T/YR	BACT
		CO	1798.0000	T/YR	BACT
		VOC	45.0000	T/YR	LAER
BOILER, MAGNEFITE	400.00 MMBTU/H				
		PM10	0.0750	GR/DSCF, HOURLY AVG	BACT
			0.0530	GR/DSCF, 12 MO ROLL AVG	
				MULTICLONE/SCRUBBER	
		SO2	10.0000	PPM, 24H AVG	BACT
			13.9000	T/YR	
				VENTURI SCRUBBER/CAUSTIC SCRUBBER	
		NOX	462.0000	T/YR	BACT
		CO	880.0000	T/YR	BACT
		VOC	144.0000	T/YR	LAER
BOILER, POWER, #3	345.00 MMBTU/H				
		PM10	0.0100	GR/DSCF AT 7% O2	BACT
			36.0000	T/YR	
				ESP	96.00
		VE	20.0000	% OPACITY	BACT
		SO2	16.2000	T/YR	BACT
		NOX	0.2500	LB/MMBTU, 30D ROLL AVG	BACT
			433.0000	T/YR	
				DESIGN & OPERATION	
		CO	0.6000	LB/MMBTU	BACT
			1040.0000	T/YR	
		VOC	0.0700	LB/MMBTU	LAER
			121.0000	T/YR	

NOTES --------
NOTE 1-EMISSION CONC. ARE THE SAME FOR UNITS #3 & 4. EMISSION RATES ARE COMBINED FOR BOTH UNITS. NOTE 2-CAMAS IS IN A NON-ATTA INMENT AREA. NOTE 3-KILN/BLOW HEAT EVAP. HAS REBUILT. NOT PSD APPLICABLE & IS PERMITTED UNDER STATE DE-88-360.
NOTE 4 - BASED ON RELATIVE USE OF NAT GAS TO OIL. NOTE 5 - PRELIMINARY ASSUMPTION IS 75% OF TOTAL PM IS PM10.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: KRAFT PULP MILLS — 830.00 T/D ADP

COMPANY NAME/SITE LOCATION: LOUISIANA PACIFIC CORP. — SAMOA, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. HAC-216
DETERMINATION MADE BY NORTH COAST UNIFIED AQMD (AGENCY) — CHUCK SASSENRATH (AGENCY CONTACT PERSON) — (707)-443-3093 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/22/89
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RECOVERY	830.00 T/D ADP				
		PM	0.0250 GR/DSCF	ESP	BACT 99.70
		TRS	3.0000 PPM	LOW ODOR DESIGN	BACT
		SO2	50.0000 PPM	HIGH SOLIDS FIRING	BACT
		NOX	0.1000 LB/MMBTU	BOILER DESIGN	BACT
		CO	250.0000 PPM	BOILER DESIGN	BACT
		VOC	40.0000 PPM	BOILER DESIGN	BACT
TANK, SMELT DISSOLVING	830.00 T/D ADP				
		PM	0.2000 LB/T BLS	WET SCRUBBER	NSPS
		TRS	0.0168 LB/T BLS	WET SCRUBBER	BACT

NOTES --------
ALL EMISSION LIMITS SPECIFIED AT 8% O2 & 3 MMLB/D BLS. FIRING RATE AT 70% DBLS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: KRAFT PULP MILLS

COMPANY NAME/SITE LOCATION: MEAD COATED BOARD — COTTONTON, AL 36868 — RUSSELL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 211-0004
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
KEN BARRETT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/01/88
ESTIMATED DATE OF START-UP-- 1990
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RECOVERY, #2	1500.00 ADTP/D				
		PM	0.0440	GR/DSCF AT 8% O2	BACT
			106.0000	LB/H	
				ESP & INCINERATION	99.30
		SO2	144.0000	PPMV AT 8% O2	BACT
			404.0000	LB/H	
		H2S*	20.0000	LB/H	BACT
		CO	879.0000	PPMV AT 8% O2	BACT
		NOX	112.0000	PPMV AT 8% O2	BACT
		VOC	0.0300	LB/MMBTU	BACT
		VE	35.0000	% OPACITY	NSPS
		TRS	5.0000	PPMV AT 8% O2	BACT
TANK, SMELT, NO. 2	93.80 T/H BLS				
		PM	0.2000	LB/T BLS	BACT
			18.8000	LB/H	
				WET SCRUBBER	95.70
		SO2	12.0000	PPMV	BACT
			6.3000	LB/H	
		TRS	0.0330	LB/T BLS	BACT
KILN, LIME, NO.2	1200.00 ADTP/D				
		PM	0.0350	GR/SDCF AT 10% O2	
			7.9000	LB/H NAT GAS	
		PM	0.0700	GR/SDCF AT 10% O2	BACT
			15.9000	LB/H FUEL OIL	
				ESP	99.40

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) HEAD COATED BOARD

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		SO2	44.0000 PPMV AT 10% O2		BACT
			12.0000 LB/H		
		H2S*	1.4000 PPMV AT 10% O2		BACT
		CO	52.0000 PPMV AT 10% O2		BACT
		VE	20.0000 % OPACITY		
		NOX	336.0000 PPMV AT 10% O2		BACT
		VOC	78.0000 PPMV AT 10% O2		BACT
		TRS	8.0000 PPMV AT 10% O2		BACT
BOILER, WOOD WASTE, #3	915.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		BACT
			91.5000 LB/H		
				MULTICYCLONE & VENTURI WET SCRUBBER	91.50
		SO2	0.0096 LB/MMBTU		BACT
			8.8000 LB/H		
		H2S*	4.8000 EE-4 LB/MMBTU		
		CO	0.4000 LB/MMBTU		
		NOX	0.3000 LB/MMBTU		
		VOC	0.0300 LB/MMBTU		
DIGESTER/EVAPORATORS/BROWN STOC*					
		TRS			BACT
				INCINERATION	
SLAKER, LIME, #2					
		PM	1.0000 LB/H		BACT
				VENTURI WET SCRUBBER	
TANK, STORAGE, FUEL OIL	50000.00 GAL				
		VOC			NSPS

NOTES --------
WHEN FUEL OIL FIRED IN RECOVERY,NSPS SUBPART DB APPLIES

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: KRAFT PULP MILLS

COMPANY NAME/SITE LOCATION: WILLAMETTE INDUSTRIES — BENNETTSVILLE, SC

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 1680-0043
DETERMINATION MADE BY SOUTH CAROLINA DHEC (AGENCY)
DAVID FLEMING (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/29/88
ESTIMATED DATE OF START-UP-- 1990
(803)-734-4534 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RECOVERY, #1	840.00 T/D ADP				
		PM	0.0300	GR/DSCF AT 8% O2	BACT
				ESP	99.60
		TRS	5.0000	PPM AT 8% O2	NSPS
				LOW ODOR DESIGN BOILER	
		NOX	150.0000	PPM, DRY BASIS	BACT
				BOILER DESIGN & OPERATION	
		SO2	200.0000	PPM, DRY BASIS	BACT
				LOW ODOR DESIGN BOILER	
		CO	2.0000	LB/T ADP	BACT
				BOILER DESIGN & OPER.	
		VOC	2.0000	LB/T ADP	BACT
				BOILER DESIGN & OPERATION	
		VE	35.0000	% OPACITY	NSPS
DISSOLVING TANK #1, SMELT	840.00 T/D ADP				
		PM	0.1990	LB/T BLS	BACT
				WET SCRUBBER	96.00
		TRS	0.0300	LB/T BLS	BACT
				NON-SULFIDE SCRUBBING LIQUID	
		SO2	0.0500	LB/T BLS	BACT
				NON-SULFIDE SCRUBBING LIQUID	
		VOC	0.1600	LB/T BLS	BACT
				NON-SULFIDE SCRUBBING LIQUID	
		VE	20.0000	% OPACITY	SIP
KILN #1, LIME	220.00 T/D CAO				

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	0.0540	GR/DSCF AT 10% O2	BACT
				ESP	99.30
		TRS	8.0000	PPM AT 10% O2	NSPS
				PROCESS CONTROLS	
		NOX	35.0000	LB/H	BACT
				KILN DESIGN & OPERATION	
		SO2	10.5000	LB/H	BACT
				CHEMICAL REACTION W/LIME	
		CO	3.5000	LB/H	BACT
				KILN DESIGN & OPERATION	
		VOC	8.8000	LB/H	BACT
				KILN DESIGN & OPERATION	
		VE	20.0000	% OPACITY	SIP
BOILER	470.00 MMBTU/H				
		PM	0.0860	LB/MMBTU	BACT
				MULTICLONES & VENTURI SCRUBBER	92.50
		NOX	0.4000	LB/MMBTU	BACT
				BOILER DESIGN & OPERATION	
		CO	0.5000	LB/MMBTU	BACT
				BOILER DESIGN & OPERATION	
		VOC	0.2000	LB/MMBTU	BACT
				BOILER DESIGN & OPERATION	
		VE	20.0000	% OPACITY	SIP
BOILER, GAS FIRED	305.00 MMBTU/H				
		NOX	0.2000	LB/MMBTU	NSPS
				BOILER DESIGN & OPERATION	
		CO	12.0000	LB/H	BACT
				BOILER DESIGN & OPERATION	
		VE	20.0000	% OPACITY	SIP
SLAKER #1, GREEN LIQUOR	9.50 T/H				
		PM	2.0000	LB/H	BACT
				LOW ENERGY SCRUBBER	
		VE	20.0000	% OPACITY	SIP
WASHER, BROWN STOCK	840.00 T/D ADP				
		TRS			BACT
				VENTED TO LIME KILN FOR INCINERATION	
EVAPORATOR, MULTIPLE EFFECT	840.00 T/D ADP				
		TRS			BACT
				VENTED TO LIME KILN FOR INCINERATION	

INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. REVIEW STATUS:

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TANK, ACCUMULATOR	840.00 T/D ADP	TRS			BACT
				VENTED TO LIME KILN FOR INCINERATION	
GAS GENERATOR, CHLORINE DIOXIDE		CLO2	6.0000 LB/H		BACT
				ADSORPTION COLUMN	
		VE	20.0000 % OPACITY		SIP
PLANT, BLEACHING		CHL*	1.0000 LB/H		BACT
				SCRUBBER	
		CHL*	1.0000 LB/H		BACT
				SCRUBBER	
		VE	20.0000 % OPACITY		SIP

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: KRAFT PULP MILLS

COMPANY NAME/SITE LOCATION: WILLAMETTE INDUSTRIES, INC. HIGHWAY 1406 HAWESVILLE, KY HANCOCK COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-84-77
DETERMINATION MADE BY KENTUCKY DAQ (AGENCY) DANIEL GRAY (AGENCY CONTACT PERSON) (502)-564-3382 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/06/84
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DISSOLVING TANK, SMELT	25.00 T/H UNBLEAC*	PM	FRESH WATER VENTURI SCRUBBER	BACT 98.10

NOTES --------
PERMIT WAS REVISED 9-17-84 TO INCLUDE THE SCRUBBER EFFICIENCY REQUIREMENT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: WOOD PULPING (OTHER THAN KRAFT)

COMPANY NAME/SITE LOCATION: MEAD PAPERBOARD — STEVENSON, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 705-0014-Z004
DETERMINATION MADE BY ALABAMA DEM (AGENCY) — SUE ROBERTSON (AGENCY CONTACT PERSON) — (205)-271-7861 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/07/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOODWASTE	430.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		NSPS
				MULTICLONE & VENTURI SCRUBBER	97.00
		NOX	0.7000 LB/MMBTU		NSPS
		CO	0.6000 LB/MMBTU		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: WOOD PULPING (OTHER THAN KRAFT) — 27.50 T/H

COMPANY NAME/SITE LOCATION: SOUTHEAST PAPER CORP. — DUBLIN, GA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 2611-087-9716
DETERMINATION MADE BY GEORGIA EPD (AGENCY)
JAMES JOHNSTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/13/87
ESTIMATED DATE OF START-UP-- 1989
(404)-656-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFC	550.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		NSPS
				ESP	99.50
		SO2	1.1000 LB/MMBTU		NAAQ
			90.0000 % REDUCTION		
				LIMESTONE INJ.	90.00
		NOX	0.6000 LB/MMBTU		NSPS
		VE	20.0000 % OPACITY		NSPS
				ESP	
TURBINE, COMBUSTION	545.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		SIP
		SO2	150.0000 PPM		N/A
			0.5000 % S FUEL OIL		
		NOX	100.0000 PPM		BACT
				STEAM INJ.	
BURNER, DUCT	155.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		NSPS
		NOX	0.2000 LB/MMBTU		NSPS
		SO2	0.5000 % S FUEL OIL		NAAQ
BOILER, CFC	545.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		NSPS
				ESP	99.50
		SO2	1.1000 LB/MMBTU		NAAQ
			90.0000 % REDUCTION		
				LIMESTONE INJ.	90.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		NOX	0.6000 LB/MMBTU		NSPS
		VE	20.0000 % OPACITY		NSPS
				ESP	
TURBINE, COMBUSTION	545.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		SIP
		SO2	150.0000 PPH		N/A
			0.5000 % S FUEL OIL		
		NOX	100.0000 PPH		BACT
				STEAM INJ.	
BURNER, DUCT	155.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		NSPS
		NOX	0.2000 LB/MMBTU		NSPS
		SO2	0.5000 % S FUEL OIL		NAAQ

NOTES --------
BOILER BURNS COAL, SLUDGE, NATURAL GAS, #6 OIL, & WOOD FINES. DUCT BURNERS ARE RATED AT 99 MMBTU/H WHEN BURNING #6 FUEL OIL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

06/14/1989

SOURCE TYPE/SIZE WOOD PULPING (OTHER THAN KRAFT)

COMPANY NAME/SITE LOCATION STONE CONTAINER CO. , MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 728-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/01/88
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
REACTOR, COPELAND	131.00 MMBTU/H				
		PM10	0.1220 LB/MMBTU		BACT
			16.0000 LB/H		
				CYCLONE, VENTURI PACKED TOWER	99.80
		SO2	0.0200 LB/MMBTU		BACT
			2.6200 LB/H		
				SODIUM CARBONATE IN REACTOR	95.00

NOTES --------
REACTOR IS TO RECOVER SPENT PULPING LIQUOR, WHICH CONTAINS SODIUM HYDROXIDE, MINOR AMT., & SODIUM CARBONATE, MAJOR AMT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: WOOD PULPING (OTHER THAN KRAFT)

COMPANY NAME/SITE LOCATION: WISCONSIN TISSUE MILLS, TAYCO & 3RD STREET, MENASHA, WI

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 88-DLJ-073
DETERMINATION MADE BY WISCONSIN DNR (AGENCY) — DANIEL JOHNSTON (AGENCY CONTACT PERSON) — (608)-267-9500 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/28/89
ESTIMATED DATE OF START-UP-- 1982

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
AIR CAP, PAPER MACHINE #4, #2 O*	62.00 MMBTU/H				
		VE	15.0000 % OPACITY		BACT
		PM/*	0.8900 LB/H		BACT
			0.0150 LB/MMBTU		
				BACKUP FUEL TO NAT GAS	
		SO2	18.5000 LB/H		BACT
			0.3000 LB/MMBTU		
				0.29% S FUEL OIL BACKUP TO NAT GAS	
		NOX	0.3000 LB/MMBTU		BACT
				LOW NOX BURNER	
		CO	4.4200 LB/H		UNRG
			0.0700 LB/MMBTU		
				BACKUP FUEL TO NAT GAS	
AIR CAP, PAPER MACHINE #4, NAT *	62.00 MMBTU/H				
		PM	0.3100 LB/H		BACT
			0.0050 LB/MMBTU		
		SO2	0.0400 LB/H		SIP
		NOX	0.3000 LB/MMBTU		BACT
		VE	15.0000 % OPACITY		BACT
		CO	4.3400 LB/H		UNRG
			0.0700 LB/MMBTU		
PAPER MACHINE #4					
		VOC			BACT
				CARBON ADSORBER	92.50
				STEAM DISPENSER	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		VE	15.0000 % OPACITY		BACT
BOILER, #4, #6 OIL FIRED	75.80 MMBTU/H				
		VE	15.0000 % OPACITY		BACT
		SO2	60.8000 LB/H		BACT
			0.8000 LB/MMBTU		
				0.8% S #6 FUEL OIL BACKUP TO NAT GAS	
		PM/*	5.6800 LB/H		BACT
			0.0800 LB/MMBTU		
				0.8% S #6 FUEL OIL BACKUP TO NAT GAS	
		NOX	0.3000 LB/MMBTU		BACT
				LOW NOX BURNER BACKUP TO NAT GAS	
		BE	4.1000 E-4 LB/H		BACT
				0.8% S #6 FUEL OIL BACKUP TO NAT GAS	
		CO	5.3600 LB/H		UNRG
			0.0720 LB/MMBTU		
BOILER, #4, # 2 OIL FIRED	75.00 MMBTU/H				
		VE	15.0000 % OPACITY		BACT
		SO2	22.4000 LB/H		BACT
			0.3000 LB/MMBTU		
				0.29% S #2 OIL BACKUP TO NAT GAS	
		PM/*	1.0700 LB/H		BACT
			0.0140 LB/MMBTU		
				BACKUP TO NAT GAS	
		NOX	0.3000 LB/MMBTU		BACT
				LOW NOX BURNER BACKUP TO NAT GAS	
		CO	5.3600 LB/H		UNRG
			0.0720 LB/MMBTU		
BOILER, #4, NAT GAS FIRED	75.00 MMBTU/H				
		SO2	0.3800 LB/H		SIP
			0.0050 LB/MMBTU		
		PM/*	0.3800 LB/H		BACT
			0.0050 LB/MMBTU		
		NOX	0.3000 LB/MMBTU		BACT
				LOW NOX BURNERS	
		CO	5.3600 LB/H		UNRG
			0.0720 LB/MMBTU		
		VE	15.0000 % OPACITY		BACT

NOTES --------
VOC EMISSIONS FROM THE PAPER MACHINE WILL BE ABOUT 1100 T/YR WITH ALL CONTROL EQUIPMENT OPERATIONAL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE GENERAL MANUFACTURING AND FABRICATION 60.00 LB/H

COMPANY NAME/SITE LOCATION APPALACHIAN PLASTICS, INC. CHILHOWIE, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 11079
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

TOM CREASY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/20/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
SPRAY-UP	60.00 LB/H PRODUCT			
		VOC	27.7000 LB/H	
			28.3000 T/YR	
		VE	20.0000 % OPACITY	
		STR*	130.0000 LB/D	
			13.0000 LB/H	

NOTES --------
CONSTRUCT A 696 T/YR FIBERGLASS REINFORCED PLASTICS FACILITY. 2080 H/YR FILAMENT WINDING & SPRAY-UP. ODOR COMPLAINTS REQUIRE C
ORRECTIVE ACTIONS. FILAMENTS WINDING RATED AT 500 LB/H PRODUCT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE GENERAL MANUFACTURING AND FABRICATION 77.70 LB/H

COMPANY NAME/SITE LOCATION FIBERMASTER, INC. CULPEPER, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (7)40763
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/03/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LAMINATING, FLAGPOLES	77.70 LB/H	MEK*	1.8600 LB/H 3.7200 T/YR	MATL BALANCE METHODS	
PAINTING/COATING, FLAGPOLES	7.35 T/YR	VOC	3.5000 LB/H 7.0000 T/YR	MATL BALANCE METHODS	

NOTES --------
SOURCE MANUFACTURES FLAGPOLES FROM POLYESTER RESINS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE GENERAL MANUFACTURING AND FABRICATION

COMPANY NAME/SITE LOCATION JOHNSON CONTROLS, INC. , MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 357-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)

CHRISTOPHER STOCK (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/28/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MFG PROCESS, POLYURETHANE FOAM	3.20 MMLB/YR	VOC	15.2000 LB/H 39.0000 T/YR	AIRLESS SPRAY GUN FOR MOLD RELEASE	BACT

NOTES --------
VOC EMISSION IS FROM MOLD RELEASE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION: CALIFORNIA DEPT. OF CORRECTIONS , CA
CORCORAN PRISON COGENERATION FACILITY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 7815 C & D
DETERMINATION MADE BY KINGS COUNTY APCD (AGENCY)
MARK POINDEXTER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/18/87
ESTIMATED DATE OF START-UP-- 1988
(209)-584-1411 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
ENGINE, I.C., 2, & GENERATOR	31.46 MMBTU/H		
		NOX	167.2000 LB/D TOTAL
			0.2200 LB/MMBTU
			LEAN BURN IGNITION SYSTEM

NOTES --------
LIMIT FOR NOX EMISSIONS FROM ENGINES PLUS TWO BOILERS IS 250 LB/D.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: INSTITUTIONAL/COMMERCIAL — 175.00 LB/H

COMPANY NAME/SITE LOCATION: CHESAPEAKE GENERAL HOSPITAL — CHESAPEAKE, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 60339
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

JACK SCHUBERT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/07/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, HOSPITAL WASTE	175.00 LB/H	PM	0.1000 GR/DSCF	AFTERBURNER	

NOTES --------
TO INSTALL A NEW CONSUMAT INCINERATOR. IT IS LIMITED TO 84 T/YR OF HOSPITAL WASTE, OPERATING 8 H/D. PRIMARY CHAMBER MINIMUM TE MP IS 1400F & SECONDARY CHAMBER MIN TEMP IS 1800F. COMBUSTIBLE GASES HAVE A MIN RESIDENCE TIME OF 1 SEC IN THE SECONDARY CHAMBER. OPACITY LIMIT IS 5%. BECAUSE OF SMALL SIZE, <2000 LB/D, STACK TESTING & HYDROGEN CHLORIDE CONTROLS ARE NOT REQUIRED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION K.I. SAWYER AFB MARQUETTE, MI

DETERMINATION IS
PERMIT NO. 914-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/17/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL/WOOD FIRED, 2 EA	65.00 MMBTU/H				
		PM	0.0500 LB/MMBTU		BACT
				BAGHOUSE	99.00
		SO2	1.4000 LB/MMBTU, SEE NOTE		BACT
				LIMIT THE COAL BEING FIRED	
		NOX	0.3000 LB/MMBTU, WOOD		BACT
			0.6000 LB/MMBTU, COAL		
		CO	0.3000 LB/MMBTU		PACT

NOTES --------
SO2 EMISSION RATE BASED ON RESTRICTED USAGE OF 1% S COAL AT 13600 BTU/LB. ANNUAL USAGE OF COAL IS 9048 TONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION: MICHIGAN STATE UNIVERSITY — EAST LANSING, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 748-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/21/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB	460.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		BACT
				BAGHOUSE	99.10
		SO2	0.6000 LB/MMBTU 30D AVG		BACT
			0.7400 LB/MMBTU 24H AVG		
				LIMESTONE INJ.	90.00
		NOX	0.5000 LB/MMBTU 30D AVG		BACT
				COMBUSTION CONTROLS DESIGN & OPERATION	
		CO	0.2000 LB/MMBTU		BACT
				COMBUSTION CONTROLS DESIGN & OPERATION	

NOTES --------
NATURAL GAS AS AN ALTERNATIVE FUEL FOR BACKUP PURPOSES

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL 255.00 T/H

COMPANY NAME/SITE LOCATION OBICI HOSPITAL , VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 60038
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

JACK SCHUBERT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/05/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, WASTE FIRED CLEAVE*	255.00 LB/H	PM	0.1000 GR/DSCF AT 12%CO2		
			0.4000 LB/H	AFTERBURNER	
		PM10	0.4000 LB/H		
			0.5000 T/YR	AFTERBURNER	
		HCL	149.0000 LB/D	AFTERBURNER	

NOTES --------
VISIBLE EMISSIONS ARE LIMITED TO 5% OPACITY. PRIMARY CHAMBER TEMPERATURE MUST REACH MINIMUN OF 1400F. SECONDARY CHAMBER SHALL BE AT MINIMUM OF 1800F & SHALL BE DESIGNED FOR 1 SECOND RETENTION TIME.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION: PURDUE UNIVERSITY — WEST LAFAYETTE, IN

DETERMINATION IS
PERMIT NO. PC (79) 1680
DETERMINATION MADE BY INDIANA DEM (AGENCY)
ANNE HEIGHWAY (AGENCY CONTACT PERSON)
(317)-232-8457 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/06/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CIRCUL. FLUID BED	279.00 MMBTU/H				
		PM	0.0500 LB/MMBTU		NSPS
				BAGHOUSE	99.70
		SO2	1.2000 LB/MMBTU		NSPS
			90.0000 % REMOVAL		
				CIRCULATING FLUIDIZED BED	90.00
				ALKALI INJECTION	
		SO2	0.0900 LB/MMBTU, 30D ROLL AVG		
			1.1000 LB/MMBTU, BLOCK 24H AVG		
		NOX	0.6000 LB/MMBTU		NSPS
		CO	0.2700 LB/MMBTU		
		VE	20.0000 % OPACITY		NSPS

NOTES --------
FACILITY HAS GRANTED AN EXEMPTION FROM PSD REVIEW BECAUSE IT IS A NON-PROFIT EDUCATIONAL INSTITUTION. CO & ALTERNATE SO2 UNITS PROPOSED BY PURDUE. ADDITIONAL CONTACT DAVE ZELL AT 317-232-8456.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION SAN DIEGO MARRIOTT HOTEL - TOWER I , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 850810
DETERMINATION MADE BY SAN DIEGO COUNTY APCD (AGENCY)
BOB BATTEN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/09/87
ESTIMATED DATE OF START-UP--
(619)-694-3316 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., & GENERATOR	1150.00 BHP				
		NOX	1.4000 G/BHP-H		BACT
			100.0000 LB/D		
				SCR IF COST EFFECTIVE	92.00
				LEAN BURN AT 1.4 G/BHP-H	
		CO	116.0000 LB/D		
			634.0000 PPMV AT 3% O2		

NOTES --------
SCR COST EXCEEDS DISTRICT CURRENT $3.75/LB OF NOX REDUCTION CRITERION, ANNUALIZED. THEREFOR THE ADDITIONAL CONTROL IS NOT COST EFFECTIVE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

SOURCE TYPE/SIZE: INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION: U.S. ARMY
FORT BELVIOR , VA
FAIRFAX COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 70550
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/25/89
ESTIMATED DATE OF START-UP-- 1989
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
INCINERATOR, MULTICHAMBER, TYPE*	1050.00 LB/H		
		PM	0.0800 GR/DSF AT 12% CO2 SECONDARY CHAMBER
		PM10	0.0800 GR/DSF AT 12% CO2 SECONDARY CHAMBER

NOTES --------
INCINERATED MATERIALS WILL BE LIMITED TO 10000 LB/D, 500 LB OF WHICH IS THE MAXIMUM ALLOWABLE AMOUNT OF MAGNETIC TAPE TO BE CONSUMED. OPACITY LIMIT FOR STACK EMISSIONS IS 5%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL 2500.00 LB/H

COMPANY NAME/SITE LOCATION UNIVERSITY OF TEXAS MEDICAL BRANCH AT G* GALVESTON, TX
GALVESTON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14773
DETERMINATION MADE BY TEXAS ACB (AGENCY)
JAMES CROCKER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/08/88
ESTIMATED DATE OF START-UP-- 1989
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 2 EA		VOC	1.5000 T/YR		B/H
				SCRUBBER	99.00
		NOX	45.2000 T/YR		
		SO2	8.8000 T/YR		
		PM	4.4000 T/YR		
		CO	33.3000 T/YR		
		HCL	4.8000 T/YR		

NOTES --------
HCL=HYDROGEN CHLORIDE

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION: MURTHSMITH AFB, 379TH COMBAT SUPPORT GROUP, ASCODA, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 141-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/05/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STRIPPER, AIR	200.00 GAL/MIN H2O	VOC	0.0180 LB/H CATALYTIC INCINERATOR	BACT 95.00

NOTES --------
VOC EMITTED AS BENZENE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX H

DETAILED SOURCE LISTINGS FOR REVISED DETERMINATIONS

APPENDIX -- REVISED DETERMINATIONS

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: EDENSBURG POWER CO. , PA
CAMBRIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 11-306-003
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
BRUCE FRY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/06/88
ESTIMATED DATE OF START-UP--
(412)-645-7100 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUID BED	617.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		BACT
				BAGHOUSE	99.98
		SO2	1.0000 LB/MMBTU, 24H ROLL AVG		BACT
			90.0000 % CONTROL		
				LIMESTONE INJ.	90.00
		NOX	0.6000 LB/MMBTU		BACT
		CO	0.1800 LB/MMBTU		BACT

NOTES --------
CEM FOR O2, SO2, NOX

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 90.00 MW

COMPANY NAME/SITE LOCATION: NORTH BRANCH ENERGY PARTNERS LP — ROBINSON TOWNSHIP, PA, WASHINGTON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 63-306-004
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
BRUCE FRY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/26/88
ESTIMATED DATE OF START-UP-- 1991
(412)-645-7129 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB, 2 EA	563.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		B/N
				FABRIC COLLECTOR	99.00
		PM10	0.0280 LB/MMBTU		BACT
				FABRIC COLLECTOR	
		SO2	0.9100 LB/MMBTU, 30D ROLL AVG		BACT
			90.0000 % CONTROL		
				LIMESTONE INJ.	
		NOX	0.6000 LB/MMBTU		BACT
		CO	0.1500 LB/MMBTU		BACT
		VOC	0.0200 LB/MMBTU		BACT

NOTES --------
FUEL IS BITUMINOUS COAL WASTE - 4589 BTU/LB, 2.08 WT% S, 55.93 WT% ASH. INITIAL STACK TESTS - PM,SO2, NOX,VOC, & CO -- ALSO HG ,BE,PB,AS, & FLUORIDES. CONTINUOUS MONITORING - VE,SO2,NOX, & O2. DEPARTMENT RESERVES RIGHT TO ADD CEM FOR CO.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

APPENDIX - REVISED DETERMINATIONS

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 49.00 MW

COMPANY NAME/SITE LOCATION: NORTHEASTERN POWER CO. — KLINE TOWNSHIP, PA — SCHUYLKILL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 54-306-006
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
MIKE SAFKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/17/88
ESTIMATED DATE OF START-UP--
(717)-826-2531 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB	513.00 MMBTU/H				
		PM	0.0280 LB/MMBTU	FABRIC FILTER	BACT 99.00
		SO2	0.3200 LB/MMBTU		BACT
			0.5000 % S	LIMESTONE INJ.	
		NOX	0.6000 LB/MMBTU		B/N

NOTES --------
ANTHRACITE COAL/CULM 12700 BTU/LB. OPACITY, SO2, NOX CONTINUOUS MONITORS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 80.00 MW

COMPANY NAME/SITE LOCATION: SCRUBGRASS POWER CORP. — SCRUBGRASS TOWNSHIP, PA, VENANGO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 61-306-001
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
WILLIAM CHARLTON (AGENCY CONTACT PERSON)
(814)-724-8530 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/18/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB, COAL WASTE FIRED, 2	599.00 MMBTU/H				
		PM10	0.0300 LB/MMBTU	FABRIC COLLECTOR	BACT
		PM	0.0300 LB/MMBTU	FABRIC COLLECTOR	B/N 99.96
		SO2	0.4500 LB/MMBTU	LIMESTONE INJ	BACT 95.00
		NOX	0.3000 LB/MMBTU	COMBUSTION CONTROL	BACT
		CO	0.1000 LB/MMBTU		BACT
		VOC	0.0050 LB/MMBTU		BAT
		VE	10.0000 % OPACITY, 3 MIN/H 30.0000 % OPACITY, MAX		BACT

NOTES --------
AVERGING PERIOD FOR SO2,NOX,CO, & VOC ARE ALL 1 HOUR. CONTINUOUS MONITORING FOR VE,SO2,O2, & NOX. TESTING REQUIREMENTS FOR AS, BE,CD,CRVI,PB,HG, & NI.
FUEL IS BITUMINOUS COAL WASTE - 6500 BTU/LB, 3% S , 46% ASH

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: DECKER ENERGY INTERNATIONAL, RYEGATE BIOMASS PROJECT, RTE 5 — EAST RYEGATE, VT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY VERMONT NR, APCD (AGENCY) — LARRY MILLER (AGENCY CONTACT PERSON) — (802)-244-8731 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/11/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	300.00 MMBTU/H				
		PM	0.0007	GR/DSCF AT 12% CO2 MECHANICAL COLLECTOR/ESP	MSER
		VE	60.0000	% OPACITY	
			20.0000	% OPACITY, 54MIN/H	
		NOX	0.2500	LB/MMBTU	MSER
		CO	0.3000	LB/MMBTU	MSER
		VOC	9.0000	LB/H	UNRG
		BAP	0.0120	LB/H	UNRG

NOTES --------
BAP - BENZO(A)PYRENE. MSER - MOST STRINGENT EMISSION LIMIT - VERMONT'S EQUIVALENT TO FEDERAL BACT/LAER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

06/14/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 50.00 MW

COMPANY NAME/SITE LOCATION: MCNEIL GENERATING STATION, BURLINGTON ELECTRIC LIGHT DEPT. — BURLINGTON, VT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY VERMONT AEC (AGENCY) — HAROLD GARABEDIAN (AGENCY CONTACT PERSON) — (802)-244-8731 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/01/80
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE, WOOD FIRED	670.00 MMBTU/H				
		PM	0.0070 LB/MMBTU		
			0.0070 GR/DSCF AT 12% CO2		
				MEC. DUST COLLECTOR & ESP	
				80%-MEC COLLECT. & 99.5%-ESP	99.90

NOTES --------
418000 ACFM AT 310F-CYCLONES-LARGE DIA. CERAMIC-24 TUBE, 58 IN. DIAMETER, 12.3 FT LONG, DELTA P=3.4 IN. H2O, INLET VEL. 63.1FT /SEC-ESP-WEIGHTED WIRE TYPE ,TOTAL PLATE AREA 280000 SQ. FT.,SCA=672 SQ. FT./1000 ACFM, LINEAR VEL. 3 FT/SEC - 9 FIELDS, 119 GAS PASSAGES, 9 IN. PASSAGE SPACING, 45 FT GAS TRAVEL DISTANCE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 04/01/1983

ID NUMBER VT-0002

SOURCE TYPE CODE 1.4

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 120.00 MW

COMPANY NAME/SITE LOCATION: CONTINENTAL ENERGY ASSOC. — HAZELTON, PA, LUZERNE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 40-306-007
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
MIKE SAFKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/26/88
ESTIMATED DATE OF START-UP--
(717)-826-2531 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, HEAT RECOVERY	270.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		BACT
		SO2	0.9060 LB/MMBTU		BACT
			0.5000 % S FUEL		
		NOX	0.1100 LB/MMBTU		BACT
GASIFER, COAL, 16 EA	1.50 T/H				
		PM			
				16 CYCLONE SEPERATORS	95.00
TURBINE, NAT GAS	785.00 MMBTU/H				
		SO2	150.0000 PPM AT 15% O2 DRY		B/N
		NOX	75.0000 PPM AT 15% O2 DRY		B/N
			STEAM INJ.		

NOTES --------
ANTHRACITE COAL/CULM. FOUR GASIFERS - BACK-UP UNITS. NO NORMAL EXHAUST TO ATMOSPHERE FROM GASIFERS. EMERGENCY VENT IS CONTROLLED BY A FLARE.
HEAT RECOVERY BOILER IS DUCT BURNERS - COAL GAS FEED. NATURAL GAS TURBINE IS 70 MWE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2688.00 T/D

COMPANY NAME/SITE LOCATION: CHESTER SOLID WASTE ASSOCIATES — CHESTER, PA — DELAWARE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 23-340-002
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY) — THOMAS MCGINLEY (AGENCY CONTACT PERSON) — (215)-270-1920 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/23/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN/ROTARY, *	448.00 T/D				
		PM	0.0150	GR/DSCF	BACT
				FABRIC FILTER	
		HCL	30.0000	PPMV	BACT
			90.0000	% CONTROL	
				DRY SCRUBBER	90.00
		SO2	30.0000	PPMV	BACT
			70.0000	% CONTROL	
					70.00
		CO	100.0000	PPMV, 8H AVG	BACT
			400.0000	PPMV, 1H AVG	
				COMBUSTION CONTROL	
		NOX	235.0000	PPMV, DAILY AVG	BACT
				COMBUSTION CONTROL	
		PCD*	2.0000	NG/CUBIC METER	BACT

NOTES --------
ALL STACK CONCENTRATION ARE CORRECTED TO 7% O2 DRY. CEM - VE,SO2,HCL,CO,CO2,& O2. 1800 DEG F - 1 SEC. COMBUSTION EFFICIENCY MU ST BE AT LEAST 99.9% 8 H AVG. STACK TESTS - PM,HCL,AS,CD, CR,NI,PCDD/PCDF. TESTING SHALL BE CONDUCTED EVERY 6 MONTHS EXCEPT FOR PCDD/PCDF WHICH IS TESTED ANNUALLY. SO2 & HCL LIMITS ARE FOR 1 HOUR. PCD IS PCDD/PCDF, 2,3,7,8 TCDD EQUIV. SOURCE IS 6 INCINERATORS AT 448 T/D EACH.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 37.50 MW

COMPANY NAME/SITE LOCATION: LANCASTER COUNTY SOLID WASTE MANAGEMENT* — CONOY TOWNSHIP, PA, LANCASTER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 36-340-001
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
KANUBHAI PATEL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/22/89
ESTIMATED DATE OF START-UP-- 1992
(717)-657-4587 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3 EA	400.00 T/D				
		PM	0.0120	GR/DSCF	BACT
				FABRIC COLLECTOR	99.70
		PM10	0.0100	GR/DSCF	BACT
				FABRIC COLLECTOR	
		SO2	29.0000	PPMV, 3H AVG	BACT
			30.0000	PPMV, 1H AVG	
				DRY SCRUBBER	90.00
				LIME INJ	
		CO	50.0000	PPMV, 8H AVG	BACT
			200.0000	PPMV, 1H AVG	
				COMBUSTION CONTROL	
		NOX	300.0000	PPMV, DAILY AVG	BACT
				COMBUSTION CONTROL	
		HCL	30.0000	PPMV, 1H AVG	BAT
			90.0000	%, 1H AVG	
				DRY SCRUBBER	
				LIME INJ	
		PCD*	2.0000	NG/CUBIC METER	BAT
				COMBUSTION CONTROL	

NOTES --------
STACK CONC. CORRECTED TO 7% O2 DRY. COMB EFFICIENCY NOT <99.9% 8HR AVG. CONDITIONS NOT< 1800F, 1 SEC. STACK TESTS- SEMI-ANNUAL -- PM,HCL, AS,CD,CRVI,NI.PB,BE,HG,ZN, ANNUAL -- PCDD,PCDF. CONTINUOUS MONITOR -- VE,SO2,NOX, HCL,CO2,CO,& O2. PCD IS PCDD/PCDF, 2,3,7,8 TCDD EQUIV.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 576.00 T/D

COMPANY NAME/SITE LOCATION: SIGNAL ENVIRONMENTAL SERVICES — CONCORD, NH

DETERMINATION IS BACT
PERMIT NO. EPA-037-121NH04
DETERMINATION MADE BY NEW HAMPSHIRE ARD/EPA REG. 1 (AGENCY)
JAMES MARSTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/09/87
ESTIMATED DATE OF START-UP--
(603)-271-1370 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURNING, 2 EA	288.00 T/D				
		PM	0.0200 GR/DSCF AT 12% CO2		BACT
			4.8500 LB/H MAX, 24H AVG		
				BAGHOUSE	99.90
		SO2	0.1950 LB/MMBTU		BACT
			21.0000 LB/H MAX, 24H AVG		
				DRY LIME INJ. SYSTEM	50.00
		NOX	0.6100 LB/MMBTU		BACT
			65.8000 LB/H MAX, 24H AVG		
				COMBUSTION CONTROL	
		CO	0.1100 LB/MMBTU		BACT
			11.8600 LB/H MAX, 4D ROLL AVG		
				COMBUSTION CONTROLS	
		CO	0.2800 LB/MMBTU		BACT
			32.2000 LB/H MAX, 8H AVG		
				COMBUSTION CONTROLS	
		PB	0.0034 LB/MMBTU		
			0.3700 LB/H MAX, 3 MON AVG		
		HCL	18.5000 LB/H		PERM
				DRY LIME INJ.	90.00

NOTES --------
ADDITIONAL STATE PERMIT LIMIT - TCDD=3.45 EE-6 LB/H, TCDF= 2.05 EE-5 LB/H, OPACITY N.T.E.=20%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 10/15/1988

SOURCE TYPE/SIZE: REFUSE INCINERATION — 560.00 T/D

COMPANY NAME/SITE LOCATION: VICON RECOVERY SYSTEMS
MANCHESTER WASTE-TO-ENERGY FACILITY — MANCHESTER, NH

DETERMINATION IS BACT
PERMIT NO. EPA-036-121NH03
DETERMINATION MADE BY NEW HAMPSHIRE ARD/EPA REG. 1 (AGENCY)
JAMES MARSTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/22/87
ESTIMATED DATE OF START-UP--
(603)-271-1370 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURNING, 4 EA	140.00 T/D				
		SO2	0.1950 LB/MMBTU		BACT
			10.2500 LB/H MAX		
				DRY LIME INJ. SYSTEM	65.00
		NOX	0.3300 LB/MMBTU		BACT
			17.5000 LB/H MAX		
				COMBUSTION CONTROLS	
		CO	0.1100 LB/MMBTU		BACT
			5.7300 LB/H MAX		
				COMBUSTION CONTROLS	
		PB	0.0340 LB/MMBTU		BACT
			1.7700 LB/H MAX		
				BAGHOUSE	
		PM	0.0350 GR/DSCF AT 12% CO2		PERM
			2.4800 LB/H MAX, 3 H AVG		
				BAGHOUSE	90.00
		HCL	3.3900 LB/H, 3H AVG		PERM
		TCDD	1.6000 EE-7 LB/H		PERM
		TCDF	5.0000 EE-6 LB/H		PERM

NOTES --------
PM LESS THAN 100 TONS, AREA NON-ATTAINMENT FOR PM. LAER DOES NOT APPLY & BACT DOES NOT APPLY, NON-ATTAINMENT AREAS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 10/15/1988

SOURCE TYPE/SIZE: REFUSE INCINERATION — 4080.00 KW

COMPANY NAME/SITE LOCATION: VICON RECOVERY SYSTEMS, RUTLAND RESOURCE RECOVERY FACILITY — RUTLAND, VT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY VERMONT NR, APCD (AGENCY) — LARRY MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/11/86
ESTIMATED DATE OF START-UP-- 1987
(802)-244-8731 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MSW, 2 EA	120.00 T/D				
		CO	300.0000	PPM AT 12% CO2, 1H AVG	MSER
			50.0000	PPM AT 12% CO2, 24H AVG	
				FIRING EQUIP. DESIGN	
				COMBUSTION AIR CONTROL	
		PM	0.0100	GR/DSCF AT 12% CO2	MSER
				ESP	
		DIO*	6.3000	EE-8 LB/H	MSER
				ESP	
		HCL	9.4000	LB/H	MSER
				PACKED TOWER ABSORBER/SCRUBBER	
		SO2	12.0000	LB/H	MSER
				PACKED TOWER ADSORBER/SCRUBBER	
		NOX	36.0000	LB/H	MSER
				COMBUSTION MODIFICATION	
		PB	0.4000	LB/H	MSER
				ESP	
		F	0.3000	LB/H	MSER
				ESP	
		HG	0.0045	LB/H	MSER
				ESP	
		BE	1.6000	EE-4 LB/H	MSER
				ESP	

NOTES --------
EMISSION RATES FOR CO & PM ALLOWABLE FOR EACH INCINERATOR, WHILE EMISSION RATES FOR HCL, SO2, NOX, PB, F, HG, & BE ARE TOTAL A
LLOWABLE FROM BOTH INCINERATORS. EACH INCINERATOR HAS ITS OWN AIR POLLUTION CONTROL SYSTEM - ESP, HEAT EXCHANGER,
PACKED TOWER ADSORBER/SCRUBBER. MSER - MOST STRINGENT EMISSION RATE ANALYSIS - VERMONT'S EQUIVALENT TO FEDERAL BACT/LAER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: COMBINED ENERGY RESOURCES , CA

DETERMINATION IS
PERMIT NO. 4167001 & A
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/26/88
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COGENERATION FACILITY, SEE NOTE	25.94 MW				
		NOX	199.0000 LB/D		BACT
				SCR UNIT, DUCT BURNER	81.00
				H2O INJ, LOW NOX DESIGN	
		VOC	7.9500 LB/H		
				CATALYTIC UNIT, ACCUMULATOR, DUCT BURNER	44.00
				90% CNTRL OF LUBE OIL COOLER	

NOTES --------
OTHER RELEVANT PERMIT LIMITS - 24 H, 365 D. FUEL USE LIMIT 269.5 MMBTU/H. FACILITY INCLUDES GAS TURBINE ENGINE, DUCT BURNER, SCR, & CATALYTIC OXIDATION UNIT.
REVISED 2/13/89. BACT NO LONGER TRIGGERED FOR VOC BUT OXIDATION CATALYST WILL BE INSTALLED. CO EMISSION LIMIT = 144 LB/H.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 02/13/1989

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: XIOX CORP. — RINGGOLD TOWNSHIP, PA — JEFFERSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 33-399-004
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY) — WILLIAM CHARLTON (AGENCY CONTACT PERSON) — (412)-645-7100 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/31/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 3 EA	6968.00 HP	NOX	5.0000 G/BHP-H	BACT
		CO	CATALYTIC CONVERTER	90.00

NOTES --------
DUAL FUEL, NAT GAS/DIESEL, FIRED COOPER BESSEMER ENGINES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: HAWAII ELECTRIC LIGHT CO., INC. — KEAHOLE, HI

DETERMINATION IS BACT
PERMIT NO. HI 85-03
DETERMINATION MADE BY HAWAII DOH (AGENCY)

DATE OF PERMIT ISSUANCE-- 11/17/87
ESTIMATED DATE OF START-UP-- 1988

NOLAN HIRAI (AGENCY CONTACT PERSON)
(808)-548-6410 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 3 EA	2.50 MW				
		NOX	600.0000	PPM, DRY AT 15% O2	BACT
			68.4000	LB/H, 3H AVG	
				4 DEG IGNITION RETARD	20.00
		SO2	0.5000	% SULFUR BY WT., MAX	BACT
		VE	20.0000	% OPACITY	SIP
ENGINE, I.C.	2.50 MW				
		NOX	600.0000	PPM, DRY AT 15% O2	BACT
			68.4000	LB/H, 3H AVG	
				4 DEG IGNITION RETARD	20.00
		SO2	0.5000	% SULFUR BY WT., MAX	BACT
				#2 FUEL OIL	
		VE	20.0000	% OPACITY	SIP

NOTES --------
PROVISION TO LOWER NOX EMISSION LIMIT, 800 PPM, 91.2 LB/H, BASED ON INITIAL STACK PERFORMANCE TEST RESULTS.
NOX LIMIT WAS REDUCED DUE TO THE RESULTS OF THE INITIAL PERFORMANCE TEST. AMMENDED 03/14/89.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: MAUI ELECTRIC CO., INC — MAALAEA, HI — MAUI COUNTY

DETERMINATION IS
PERMIT NO. HI 86-02
DETERMINATION MADE BY HAWAII DOH (AGENCY)

GARY SIU (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/17/87
ESTIMATED DATE OF START-UP-- 1988
(808)-548-6410 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 2 EA	2.50 MW				
		NOX	600.0000	PPM, DRY AT 15% O2	BACT
			68.4000	LB/H 3H AVG	
				4 DEG IGNITION RETARD	20.00
		SO2	0.5000	% MAX SULFUR FUEL OIL	BACT
				#2 FUEL OIL	
		VE	20.0000	% OPACITY	SIP

NOTES --------
12 H/D OPERATING LIMIT. ENGINE CAPACITY = 3952 BHP. NOX LIMIT SUBJECT TO CHANGE AFTER INITIAL PERFORMANCE TEST. NOX LIMIT WAS REDUCED DUE TO THE RESULTS OF THE INITIAL PERFORMANCE TEST. AMMENDED 03/14/89.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 4.60 MW

COMPANY NAME/SITE LOCATION: MAUI PINEAPPLE CO., LTD. — KAHULUI, HI — MAUI COUNTY

DETERMINATION IS
PERMIT NO. HI 87-02
DETERMINATION MADE BY HAWAII DOH (AGENCY)

TYLER SUGIHARA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/17/88
ESTIMATED DATE OF START-UP-- 1988
(808)-548-6410 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 2 EA	2010.00 BHP				
		NOX	536.0000	PPM DRY AT 15% O2	BACT
			17.8400	LB/H, 3H AVG	
				2 DEG. IGNITION RETARD	18.00
				0.1% S MAX. IN FUEL OIL	
		SO2	0.4000	% S MAX #2 FUEL OIL	BACT
		VE	20.0000	% OPACITY	SIP
ENGINE, I.C., 2 EA	3020.00 BHP				
		NOX	520.0000	PPM DRY AT 15% O2	BACT
			25.1900	LB/H, 3H AVG	
				2 DEG IGNITION RETARD	18.00
				0.1% S MAX IN FUEL OIL	
		SO2	0.4000	% S MAX #2 FUEL OIL	BACT
		VE	20.0000	% OPACITY	SIP

NOTES --------
TOTAL COMBINED ANNUAL FUEL CONSUMPTION OF THE TWO 2010 HP & TWO 3020 HP DIESEL ENGINE GENERATORS SHALL NOT EXCEED 1,317,760 GA L/YR. EACH 3020 HP DIESEL GENERATOR SHALL NOT CONSUME IN EXCESS OF 493,720 GAL/YR.
AMMENDED 03/29/89.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: BDF - TESA CORP — SPARTA, MI

DETERMINATION IS
PERMIT NO. 616-81A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
(517)-373-7081 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/01/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER/COATER	100.00 METER/MIN	VOC	0.0200 KG/KG COATING APPLIED	INCINERATION CONDENSATION	LAER 99.00

NOTES --------
THE CONDENSER & INCINERATOR ARE PARALLEL SYSTEMS. ONE PRIMER IS WATER BASED, EMISSIONS AFTER CONTROL, COND., EQUAL 2.45 E-05 K G VOC PER KG SOLIDS APPLIED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: JAMES RIVER, H.P. SMITH DIVISION — IOWA CITY, IA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO.
DETERMINATION MADE BY EPA REGION VII (AGENCY)
DANIEL RODRIGUEZ (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/17/88
ESTIMATED DATE OF START-UP--
(913)-236-2896 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATER					
		VOC	0.2000 KG/KG OF COATING SOILDS, MONTHLY AVG		BACT
			SEE NOTES		98.00
				LOW SOLVENT/HIGH SOLIDS	
COMBUSTION UNITS					
		VOC			BACT
				NATURAL GAS FIRING ONLY	

NOTES --------
FOR PRODUCTION OF "RELEASE" PAPER USED IN TAPES/LABEL INDUSTRY , SEE IA-0021. SECOND COATING LINE HAS REAPPROVED ON 11/17/88.
COATER VOC LIMIT IS EITHER AS INDICATED OR TOTAL ENCLOSURE & THERMAL INCINERATOR AT
98% EFFICIENCY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION: METALWORKS, INC. — LUDINGTON, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 75-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/29/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE, 4 SPRAY BOOTH & B*	30000.00 GAL/YR	VOC	7.5000 LB/GAL OF SOLIDS APPL., 30D AVG	MANUAL ELECTROSTATIC SPRAY GUNS HIGH SOLIDS PAINT	BACT 60.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 09/30/1988

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION: SPECTRA-COLOR, INC. — GRAND HAVEN, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 192-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/29/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING LINE, 2 SPRAY BOOTHS & *	6.10 GAL/H	VOC	7.5000 LB/GAL OF SOLIDS APPL., 30D AVG	MANUAL ELECTROSTATIC SPRAY GUNS HIGH SOLIDS PAINT	BACT 60.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 09/30/1988

SOURCE TYPE/SIZE: GRAPHIC ARTS - ROTOGRAVURE

COMPANY NAME/SITE LOCATION: ADVANCED PRINTING TECHNOLOGY — CAERNARVON TOWNSHIP, PA — BERKS COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 06-320-001
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)

ROGER FITTERLING (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/25/88
ESTIMATED DATE OF START-UP--
(215)-270-1920 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS, ROTOGRAVURE, 2		VOC	THERMAL INCINERATION	SIP 99.00

NOTES --------
VOC EMISSIONS WILL BE BELOW THE OFFSET REQUIREMENT OF 50 TP/. CAPTURE IS 100%, DESTRUCTION EFF 99%. STACK TEST WILL BE REQUIRE D TO DEMONSTRATE 99% DESTRUCTION & 100% CAPTURE. COMBUSTION CHAMBER TEMP TO BE MAINTAINED AT MINIMUM OF 1500F. FACILITY'S COMBINED VOC EMISSION LIMITED TO 100 LB/H , 1000 LB/D, OR 50 T/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS

COMPANY NAME/SITE LOCATION: MARK I MOLDED PLASTICS — JONESVILLE, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 505-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/23/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
WASHER, MASK		VOC		SOLVENTLESS WASH USED	
PAINTING, PLASTIC PARTS		VOC	5.9700 LB/GAL-H2O 3.8000 LB/H		

NOTES --------
WATER SOLUBLE MATERIAL CONTAINING NO VOC USED ON MASKS. CLEANED WITH PRESSURE FLOOD WASHING SYSTEM.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

06/14/1989

SOURCE TYPE/SIZE: SURFACE COATING OF PLASTIC PARTS

COMPANY NAME/SITE LOCATION: UNITED TECHNOLOGIES AUTOMOTIVE — BAY CITY, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 780-80A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DAVID YANOCHKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/06/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING, PLASTIC	12500.00 GAL COATING*	VOC	6.0500 LB/GAL COATING 12.5000 LB/H	LOW PRESSURE/HIGH VOLUME APPLICATION EQUIP.	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: AMERICAN FIBRIT, INC. — BATTLE CREEK, MI

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 400-86A
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/08/87
ESTIMATED DATE OF START-UP-- 1987
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SPRAY BOOTH		VOC	12.3000 LB/GAL OF SOLIDS APPL 5.6000 LB/GAL MINUS H2O	THERMAL INCINERATION	BACT 95.00
SPRAY BOOTH		VOC	37.6000 LB/GAL OF SOLIDS APPL 6.1000 LB/GAL MINUS H2O	THERMAL INCINERATION	BACT 95.00
HARDENER		VOC	4.2000 LB/GAL MINUS H2O		BACT

NOTES --------
PLANTWIDE TOTAL EMISSIONS FROM ALL OF THE THREE PROCESS MENTIONED ABOVE - 566.2 LB/D, 49.2 T/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 09/30/1988

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: CADILLAC MOTOR CAR DIV. - G.M.C. — GRAND BLANC, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 797-88,798-88,799-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/21/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DISPENSER, SEALER	365.00 PARTS/H	VOC	0.0500 LB/GAL	BACT
DISPENSER, ANTI-FLUTTER	36.00 PIECES/H EA	VOC	3.1900 LB/GAL	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS

COMPANY NAME/SITE LOCATION: SEPA, INC.
DIVISION OF SETON CO.
SAXTON BOROUGH, PA
BEDFORD COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 05-318-010
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
RONALD DAVIS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/05/89
ESTIMATED DATE OF START-UP-- 1989
(717)-657-4587 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LINE #1, BASE COAT	300.00 HIDES/H	VOC	0.4860 LB/GAL MINUS H2O	WATER BASE COATING	SIP
LINE #2, PLATE COAT	300.00 HIDES/H	VOC	3.5300 LB/GAL MINUS H2O	WATER BASE COATING	SIP
LINE #3, COLOR/ANTIQUE	300.00 HIDES/H	VOC	6.5000 LB/GAL	THERMAL INCINERATOR	SIP 90.00
LINE #4, ANTIQUE/TOP	300.00 HIDES/H	VOC	6.4000 LB/GAL	THERMAL INCINERATOR	SIP 90.00

NOTES --------
EACH LINE CONSISTS OF A CONVEYORIZED SPRAYBOOTH, AIRLESS, & AN OVEN. LINE#1 - BASE COAT, LINE#2 - PLATE COAT, TRANFER EFF = 75 %, LINE#3 - COLOR/ANTIQUE COAT, LINE#4 - ANTIQUE/TOP COAT. BOTH THE SPRAY BOOTHS & THE OVENS OF LINES #3 & 4 ARE CONTROLLED. THESE LIMITS ARE DUE TO BAT REQUIREMENTS OF THE SIP.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS — 1600.00 BOATS/YR

COMPANY NAME/SITE LOCATION: THOMPSON BOAT CO. — ST. CHARLES, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 184-88
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
DAVID YANOCHKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/18/88
ESTIMATED DATE OF START-UP-- 1988
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PAINTING, SPRAY & BRUSH	138.00 GAL/MONTH C*	VOC	1.1000 T/YR		BACT

NOTES --------
ALTERNATIVE TO USE OF GELCOAT FOR TOUCH-UP PROCESS, REDUCES POTENTIAL STYRENE EMISSIONS. COATING IS INTERIOR GELCOAT, 0.35 LB VOC/LB GELCOAT & 0.35 LB VOC EMITTED/LB VOC. ALTERNATE COATING DID NOT PROVIDE ACCEPTABLE QUALITY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 09/30/1988

SOURCE TYPE/SIZE: CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) — 3.00 MMSCFD

COMPANY NAME/SITE LOCATION: PRESTON NORTHERN, INC. — EVART TOWNSHIP, MI — OSCEOLA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 412-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GEOFFREY RICHARDSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/17/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLARE, RELIEF	0.13 T/YR	SO2	0.1300 T/YR		B/N 97.77
FLARE, PROCESS	4834.38 T/YR	SO2	58.5800 T/YR - H2S EMITTED	SEE NOTE #1	97.77
INCINERATOR	144.73 T/YR	SO2	0.3500 T/YR - H2S EMITTED		99.66
FACILITY, SWEETENING, NOTE#2	3.00 MMCSFD	SO2	44.5000 LB/H 194.8000 T/YR	MODIFIED 3 STAGE CLAUS CATALYST	B/N 98.79

NOTES --------
PROCESS FLARE - ONLY USED FOR A FAILURE, THEREFORE, GAS FROM WELL TO FLARE WHEN ALL OTHER SYSTEMS FAIL / CLAUS FAILURE, ONLY U
SED FOR SHUT DOWN OVER A FIVE MINUTE PERIOD / START UP.
NOTE#1 - USED ONLY IN A FAILURE MODE. NOTE#2 - NSPS SUBPART LLL APPLIES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

06/14/1989

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: CHEVRON CHEMICAL CO. KENNEWICK, WA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 88-2
DETERMINATION MADE BY WASHINGTON DOE (AGENCY)
JOHN DRABEK (AGENCY CONTACT PERSON)
(206)-867-7106 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/01/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT					
SPHERODIZER	CONFIDENTIAL	VOC	228.0000 T/YR		BACT
		VOC		AUTOMATIC PH TRIM CONTROL SYSTEM PROPER OPERATION	BACT 13.00
		PM	0.0300 GR/DSCF	BAGHOUSE	BACT 99.00
COATING AGENT	CONFIDENTIAL	PM	0.0050 GR/DSCF	BAGHOUSE	BACT 99.00
FORMULATION SECTION	CONFIDENTIAL	VOC		DOLOMITE LIME & MAGNESIUM OXIDE SCRUBBER	BACT 75.00
SCRUBBER, #1		PM	0.0490 GR/DSCF	BAGHOUSE	BACT 99.00
SCRUBBER, #2		PM	0.0130 GR/DSCF	BAGHOUSE	BACT 99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 05/15/1989

SOURCE TYPE/SIZE: KRAFT PULP MILLS — 700000.00 ADUT/YR

COMPANY NAME/SITE LOCATION: JAMES RIVER CORP. — CAMAS, WA

DETERMINATION IS
PERMIT NO. PSD-88-3 & DE-88-360
DETERMINATION MADE BY WASHINGTON DOE (AGENCY)

ALAN BUTLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/14/89
ESTIMATED DATE OF START-UP-- 1990
(206)-867-7103 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE, RECOVERY, #3	523.00 MMBTU/H				
		PM10	0.0330	GR/DSCF AT 8% O2	BACT
			328.0000	T/YR	
				ESP W/HEAT RECOVERY SCRUBBER	99.50
		VE	20.0000	% OPACITY	BACT
		SO2	10.0000	PPM AT 8% O2	BACT
			46.2000	T/YR	
				HEAT RECOVERY SCRUBBER	98.00
		NOX	1.8000	LB/ADUT	BACT
			496.0000	T/YR	
				DESIGN & OPERATION	
		CO	2755.0000	T/YR	BACT
				DESIGN & OPERATION	
		VOC	219.0000	T/YR	LAER
				DESIGN & OPERATION	
		TRS	5.0000	PPMDV AT 8% O2, 12H AVG	BACT
			2.0000	PPMDV AT 8%O2, ANN AVG	
				CAUSTIC LIQUOR SCRUBBER	
				DESIGN & OPERATION	
FURNACE, RECOVERY, #4	770.00 MMBTU/H				
		PM10	0.0330	GR/DSCF AT 8% O2	BACT
			328.0000	T/YR	
				ESP W/HEAT RECOVERY SCRUBBER	99.50
		VE	20.0000	% OPACITY	BACT
		SO2	10.0000	PPM AT 8% O2	BACT
			46.2000	T/YR	
				HEAT RECOVERY SCRUBBER	98.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		NOX	1.8000 LB/ADUT		BACT
			496.0000 T/YR		
				DESIGN & OPERATION	
		CO	2755.0000 T/YR		BACT
				DESIGN & OPERATION	
		VOC	219.0000 T/YR		LAER
				DESIGN & OPERATION	
		TRS	5.0000 PPMDV AT 8% O2, 12H AVG		BACT
			2.0000 PPMDV AT 8%O2, ANN AVG		
				CAUSTIC LIQUOR SCRUBBER	
				DESIGN & OPERATION	
DISSOLVER VENT, SMELT, #3					
		PM10	0.1200 LB/T BLS, MONTHLY AVG		BACT
			0.1050 LB/T BLS, ANN AVG		
				PACKED BED SCRUBBER	
		VE	35.0000 % OPACITY		BACT
		SO2	24.0000 PPMDV		BACT
			28.0000 T/YR		
				PACKED BED SCRUBBER	
		TRS	0.0168 LB/T BLS, DAILY AVG		BACT
			0.0130 LB/T BLS, ANN AVG		
				PACKED BED SCRUBBER	
DISSOLVER VENT, SMELT, #4					
		PM10	0.1200 LB/T BLS, MONTHLY AVG		BACT
			0.1050 LB/T BLS, ANN AVG		
				PACKED BED SCRUBBER	
		VE	35.0000 % OPACITY		BACT
		SO2	24.0000 PPMDV		BACT
			28.0000 T/YR		
				PACKED BED SCRUBBER	
		TRS	0.0168 LB/T BLS, DAILY AVG		BACT
			0.0130 LB/T BLS, ANN AVG		
				PACKED BED SCRUBBER	
KILN, LIME & EVAPORATOR, BLOW H*					
		PM10	0.0650 GR/DSCF AT 10%02, GAS		BACT
			0.1300 GR/DSCF AT 10% O2. OIL		
				VENTURI SCRUBBER	
		SO2	41.0000 PPM		BACT
			36.1000 T/YR		
				VENTURI SCRUBBER	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 05/15/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		TRS	8.0000	PPMDV AT 8%O2, 12H AVG	BACT
			4.0000	PPMDV AT 8% O2, ANN AVG	
				PROCESS DESIGN & CONTROLS	
		NOX	234.0000	T/YR	BACT
		CO	1798.0000	T/YR	BACT
		VOC	45.0000	T/YR	LAER
BOILER, MAGNEFITE	400.00 MMBTU/H				
		PM10	0.0750	GR/DSCF, HOURLY AVG	BACT
			0.0530	GR/DSCF, 12 MO ROLL AVG	
				MULTICLONE/SCRUBBER	
		SO2	10.0000	PPM, 24H AVG	BACT
			13.9000	T/YR	
				VENTURI SCRUBBER/CAUSTIC SCRUBBER	
		NOX	462.0000	T/YR	BACT
		CO	880.0000	T/YR	BACT
		VOC	144.0000	T/YR	LAER
BOILER, POWER, #3	345.00 MMBTU/H				
		PM10	0.0100	GR/DSCF AT 7% O2	BACT
			36.0000	T/YR	
				ESP	96.00
		VE	20.0000	% OPACITY	BACT
		SO2	16.2000	T/YR	BACT
		NOX	0.2500	LB/MMBTU, 30D ROLL AVG	BACT
			433.0000	T/YR	
				DESIGN & OPERATION	
		CO	0.6000	LB/MMBTU	BACT
			1040.0000	T/YR	
		VOC	0.0700	LB/MMBTU	LAER
			121.0000	T/YR	

NOTES --------
NOTE 1-EMISSION CONC. ARE THE SAME FOR UNITS #3 & 4. EMISSION RATES ARE COMBINED FOR BOTH UNITS. NOTE 2-CAMAS IS IN A NON-ATTA INMENT AREA. NOTE 3-KILN/BLOW HEAT EVAP. HAS REBUILT. NOT PSD APPLICABLE & IS PERMITTED UNDER STATE DE-88-360.
NOTE 4 - BASED ON RELATIVE USE OF NAT GAS TO OIL. NOTE 5 - PRELIMINARY ASSUMPTION IS 75% OF TOTAL PH IS PM10.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

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